

gctacagcgt	acacagccac	caggggtgcc	cccacaagcc	cagtaagtaa	gaacccccag	1740
ttgcttttct	gcaaactgtt	gacttcaaaa	cttgaggta	gaacatgtct	tgactgactt	1800
tcttctttaa	gtgtttctag	gggtatacct	cctcctccct	ccatcgcgag		1850

<210> 7889
 <211> 1109
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (144)...(446)
 <223> similar to gi2649424 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7889	
ttcgagcgtg	gctcgtgggt tttccgtgaa gtcgcggtgc agcgggtgggc ggcatgtctg 60
tggccggtgg	ggagattcgt ggggacacgg ggggagagga cactgctgct cccggccggt 120
tcagcttcag	cccggagccc acgctcgagg acatccgccc cctccatgct gaggtttctg 180
cggaaacgaga	ctgggaacag ttccatcagc ctcggaatct cctcctggcc ttggttgggg 240
aagtggggga	gctggcagaa ctctttcagt ggaaaaccga tggggaacct ggcccccaag 300
gctggtcccc	cagggaaacgg gcagcccttc aagaggagct tagtgacgtc ctcatctacc 360
tggtggcatt	agcagcccg cgtccgtgtgg atctgccgct agcagtgctc tccaaaatgg 420
acatcaaccg	gcgacgctac ccagcccac tggcccgag ctcttcccgc aagtatacag 480
aattgcccc	tggggccatc tctgaagacc aggctgtggg gcctgcggac attccctgtg 540
actccacagg	ccagacctca acctagaaag atggccacag gacttgcaac tcagggtggg 600
gtctgaagag	cagagagtgg cctggccctg gaggcctttt ctagtctttt cagaatagat 660
catgggcctg	aggcctccac ttcttgaggt ctgaggccca gcagcctcta gaaggtagcc 720
tcctggtgtt	tgttctccca gtaaaatggg tttgggcgat aacttctaga ttattcctgg 780
atggccaggg	aggctctctg tctcagcagg tgatgacggg ggtaccaggg gtgcctctga 840
gacccattct	cgtgtttccc tggtgtacct tttgcctgca gggcagagag atctgggttc 900
tagcaaattc	ccagtaggat gtcagtgaag ttccctcccc ctcttagaga ttgaaggctg 960
taagagtcca	gatggtggag ccaggctgtc tgggttcaaa tgccatcttt gacacttgca 1020
agctaaatga	cattactcaa attaatcggt ctgcacttca gcttccttgt ctatcaaata 1080
aaaagaatag	tacctgcccc aaaaaaaaaa 1109

<210> 7890
 <211> 1181
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (141)...(926)
 <223> similar to gi220030 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00403725.012100

<400> 7890

cccacgcgtc	cggcgggggc	catattagca	gcggttattc	ggtgagcgg	ggtggtttat	60
tcttccgtgg	agttaagggc	tccgtggaca	tctcagggtc	tcagggtcct	ccatctggaa	120
ctatataaag	ttcagaaaac	atgtctcgaa	gatatgactc	caggaccact	atattttctc	180
cagaaggtcg	cttataccaa	gttgaatatg	ccatggaagc	tattggacat	gcaggcacct	240
gtttgggaat	tttagcaaat	gatggtgttt	tgcttgacgc	agagagacgc	aacatccaca	300
agcttcttga	tgaagtcttt	ttttctgaaa	aaatttataa	actcaatgag	gacatggctt	360
gcagtgtggc	aggcataact	tctgatgcta	atgttctgac	taatgaacta	aggctcattg	420
ctcaaaggta	tttattacag	tatcaggagc	caataccttg	tgagcagttg	gttacagcgc	480
tgtgtgatat	caaacaagct	tatacacaat	ttggaggaaa	acgtcccttt	ggtgtttcat	540
tgctgtacat	tggttgggat	aagcactatg	gctttcagct	ctatcagagt	gaccctagt	600
gaaattacgg	gggatggaag	gccacatgca	ttggaaataa	tagcgtctgca	gctgtgtcaa	660
tggtgaaaca	agactataaa	gaaggagaaa	tgaccttgaa	gtcagcactt	gcttttagcta	720
tcaaagtact	aaataagacc	atggatgtta	gtaaactctc	tgctgaaaaa	gtggaaattg	780
caacactaac	aagagagaat	ggaaagacag	taatcagagt	tctcaaaca	aaagaagtgg	840
agcagttgat	caaaaaacac	gaggaagaag	aagccaaagc	tgagcgtgag	aagaaagaaa	900
aagaacagaa	agaaaaggat	aaatagaatc	agagatttta	ttactcattt	ggggcaccat	960
ttcagtgtaa	aagcagtcct	actcttccac	actaggaagg	ctttactttt	tttaactggt	1020
gcagtgggaa	aataggacat	tacatactga	attgggtcct	tgatcatttt	gtccaattga	1080
atactttatt	gtaacgatga	tggttaccct	tcatggacgt	cttaatcttc	cacacacatc	1140
cccttttttt	ggaataaaat	ttggaaaatg	gaaaaaaaaa	a		1181

<210> 7891

<211> 1513

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1234)

<223> similar to gi4884282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7891

tttcgtcttc	gctgtcacga	tttcgtgcta	ggcgtggacc	caactggcga	ggctgctggg	60
gttgacgcgg	gacagttggg	gcggccccgc	aggcccagg	ttttgaaaat	aaagttaatt	120
cagagaagg	aaaactttct	cttcggaatt	tcccacataa	tgattatgag	gatgtttttg	180
aagagccttc	agaaagtggc	agtgatccca	gcatgtggac	agccagaggc	cccttcagaa	240
gagacaggtg	gagcagtgag	gatgaggagg	ctgcaggggc	atcacaggct	ctctcccctc	300
tactttctga	tacgcgcaaa	attgtttctg	aaggagaact	agatcagttg	gctcagattc	360
ggccattaat	attcaatttt	catgagcaga	cagccatcaa	ggattgtttg	aaaatccttg	420
aggaaaaaac	agcagcgtat	gatatcatgc	aggaatttat	ggcttttagaa	cttaagaatc	480
tgcttgggtg	gtttctactc	gggaatcaac	caagcaacag	agaaaaaac	agataaccgag	540
atattcttcc	atatgattca	acacgcgttc	ctcttggaag	aagcaaggac	tacatcaatg	600
ctagttatat	tagaatagtc	aattgtggag	aagagtattt	ttatatcgct	actcaaggac	660
cactgctgag	caccatagat	gacttttggc	aaatggtgtt	ggaaaataat	tcaaattgta	720

ttgccatgat	aaccagagag	atggaagggtg	gaattatcaa	atgctaccat	tactggccca	780
tttctctgaa	gaagccattg	gaattgaaac	acttccgtgt	attcctggag	aactaccaga	840
tacttcaata	tttcatcatt	cgaatgtttc	aagttgtgga	gaagtccacg	ggaactagtc	900
actctgtaaa	acagttgcag	ttcaccaagt	ggccagacca	tggcactcct	gcctcagcag	960
atagcttcat	aaaatatatt	cgttatgcaa	ggaagagcca	ccttacagga	cccatgggtg	1020
ttcactgcag	tgccggcata	ggccggacag	gggtgttcct	atgtgtggat	gtcgtgttct	1080
gtgccatcgt	aaaggactgt	tcattcaaca	tcattggatat	agtggcccaa	atgagagAAC	1140
aacgttcttg	catggttcaa	acgaaggagc	agtatcactt	ttgttacgat	attgtgcttg	1200
aagttcttctg	gaaacttctg	actttggatt	aagaaagact	tctgttgctt	ctcacttgaa	1260
attaccaagt	gggtttgcac	ctcctcataa	agaacatgtt	tgcactgtgc	tgaagggtct	1320
tgctatgcac	acaatctgct	ttcttgggtt	atcagtttat	tttctttcta	aaagctccct	1380
gaagggcaat	atcatttggc	ttgggggtgat	cagtgtttac	ttattgatct	tgctagacaa	1440
tatcaaaata	acttcccaca	ttttccagtg	aaacagatgt	tacataaaac	gattgcagct	1500
tggtattttg	gtg					1513

<210> 7892

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1055)...(732)

<223> similar to gi34659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7892

tttttatatt	tttaaatatt	ttattttctt	gttctttgtg	aaaacatcaa	taaatatcga	60
aaacctctctg	ctctaacaca	gagggaaaca	ctgcataatt	aacattaaac	aaggcagtat	120
gccttacaag	aaagacataa	aatgtccaag	ggatatttag	aacatttttag	ttcttaaagc	180
ttcaacatga	gaaatgttga	ccacacactg	tgaatcatt	tcaataaata	acaactgaca	240
ttcatcttta	cagttacaaa	atagacacac	atacatttcc	ctgccgtcac	attgatctta	300
ctggccattt	tcttggattc	ctcagcctct	atcacagtgg	ctgacatgtg	atatgtcatc	360
acgaagaaat	attaacaaat	gactagagaa	tatctgcaaa	ccttctatct	tcaaattaaa	420
tatgaatcag	gattgaacta	acttgggttt	gacctaaaat	aaacaataaa	tataatggga	480
gagtgtgcaa	gtagattcaa	tcataacctt	attttacaca	taaaatatta	acatagaatc	540
ttctaaaaca	aacaataaaa	taaataaata	aataaataaa	tagaagactt	ctcctaagtg	600
atgctcaaac	acattaggcg	caatccagggt	ggcctctgca	gctgtgtctc	tctttcctct	660
tctgttctctg	taagggcagg	gcctccttca	ggaacagcca	ccaataagct	tcctccttcc	720
ttctgggtcag	ttggatttgc	cattttttcag	catcttttctg	atgattttct	taaccatggg	780
cgatgcgggg	ttgagacaag	ctttctgccc	attcttgagt	gtggctatga	cttcgggtttg	840
ggcgagtggtg	ggtccggggg	acttcacctt	cacacttttg	atgttcttga	ggtgaattcc	900
ctgcagggtc	tgcaagcact	ggcagcgag	ttcagtggtc	aggggagctc	ctgctgcgcg	960
ccggctggcg	gccaccagga	gcaggagcag	cagcgccact	cgcaggagcc	ggggattgct	1020
gggggagggc	gagagcgtgg	cgcgggccat	ggggctcagc	agggcggttcg	agcggtctgtg	1080
cgaggaggag	agctggcaag	gagctccgtg	gcccgggctc	tgtc		1124

<210> 7893
 <211> 2855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2856)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2795)...(2118)
 <223> similar to gi4929659 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7893

ttcaaaattc	tgaaaacagt	attaaggaaa	aacaggaact	gtttcactta	ggtcttacct	60
agtatagtag	tgaatcaact	tcacaattag	taagattatc	aacatgaata	caaaagcaag	120
actacaaact	gattattttc	ttttggagat	gttttatgat	caattccaaa	catacagtac	180
aggggaagtg	aaatgagtaa	gaaaaaaaaa	tcatatttaa	gtccccgtta	acactaagcc	240
atattattca	aaatgtgttt	caaaatactc	agccagatca	ccaaatctca	gtcactacct	300
tagtataaat	attcactaag	aaaatagtca	agcaacagaa	atccattgtg	agacaccatc	360
tagagagaac	agctacactg	ctatatataa	tttattaact	tagtagttta	gtttctcaat	420
atntagcaag	tttaaaaaatt	accattacca	ttgggtttata	gtgccattaa	tataaatcca	480
taattttcaa	gtcatcatte	ctttcactgt	gaactaagac	ttcttaaaaag	atagttgtgg	540
gttggggaac	agtaatgact	gtagctgatg	ggcagtgttc	aaagccaaaa	agactggcaa	600
gcttggaag	gcatacacta	tacatacaca	cactctcagt	atactactgt	tccccttatt	660
tttgctgtac	attcttgtct	gaaaagatgg	tataaattat	tcccttaaat	ttgaaaaaac	720
aattaagatg	aatacatttt	catcttcatt	tcaaaattat	ccttctaaat	aaaaaagttc	780
ctcatgtttg	ttaaatctgt	tcaaaagttg	gattttaaata	ctttcttcac	aacatgtaca	840
atgttttcac	ccttactgcc	tcattacaat	cagtttgcca	ataagacctc	cagtgtctta	900
tcaaaaatgg	cattcaatag	attataagat	tgttaaattct	gcatttcaat	cattcttacc	960
acaatgaatt	ataacaaagt	ccaaaaaaat	gtatgactat	tcatcaaacac	ccttggaacc	1020
tatgaattat	tgcaaaataat	ctcacacgtg	catgtaatcc	aaacataaac	ttcgtgggag	1080
aggggggtgta	aaataaatac	tatggtattt	cttcaattct	athtaattgct	gcctagctgg	1140
ttaaatgaaa	gattaatata	ttactaacag	gaagagtcaa	actattttta	ggactgtttt	1200
ctaagtagaa	caattttgca	aaacaaagat	aagcaagagc	ctatgcaaata	acattttctt	1260
gtagtgtaat	gtaattgcta	atatgaggta	taactgttaa	gcaatttaata	caaataataa	1320
taggtataag	ccaccactaa	ctcagctctg	tgaaaagcct	ctcagctaaa	gtagtttgaa	1380
gataaggtta	agggaaatga	gaaggggtgg	acagggcagg	tttccagtgg	gaaaataatt	1440
tatgtgcctt	accattgtga	tcattcctgta	tgtaccagtc	cgttgttgca	gaacggtaaa	1500
tcctttccaa	gtatgttata	ctttatgtag	cacagtaaaa	ttattttaagt	attactaatg	1560
cttcattttgc	atttgtattt	agatatacac	ataattatat	atgcatatca	aaaactataa	1620
acagaatttt	aaaacacttt	tatctcaatt	ggggaaagtt	aacaggtaag	acaaaactac	1680
gtactacaga	atTTTTtagg	atatctaaac	tcaaggtaaa	accaatagaa	aacattttcta	1740
cctcttttagt	aaatggcttg	tgtgaaacct	caagctctcc	ctcatttttt	ttacagatgg	1800
gtttgtctga	tgaggattgt	gatccaatga	ttgttttagca	gcaattttac	caaaactgta	1860
aattctttta	ttaacaggca	ttataaacag	ataatactaa	tcttatttta	aaaccatgag	1920
tgccacactg	gtgaatatac	agcttatgaa	taacttaaaa	agtattttccc	atTTTaaaag	1980
gcaaaccag	catacaaaaa	cctatactaa	acaaagaagc	tataatatgg	atacatgatt	2040
gatgtgtcta	aaatgatata	tacagtacat	aatgttaatt	atatgatcag	tacattttttc	2100
ctatgattcc	cttcatgctt	cactttcccc	agaaaactgaa	ttctgtactt	cctctttctaa	2160

0040025.012060

<220>
 <221> misc_feature
 <222> (28)...(3022)
 <223> similar to gi406868 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7895

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ccgcgcgcgc	ggcttctgcc	gctgctccct	ccgctgctgc	tgctgcccgt	gctgctgctg	120
cccgcgcgct	gccgggcgct	ggaagagacc	ctcatggaca	caaatgggt	aacatctgag	180
ttggcgtgga	catctcatcc	agaaagtggg	tgggaagagg	tgagtggcta	cgatgaggcc	240
atgaatccca	tccgcacata	ccagggtgtg	aatgtgcgcg	agtcaagcca	gaacaactgg	300
cttcgcacgg	ggttcatctg	gcggcgggat	gtgcagcggg	tctacgtgga	gctcaagtgc	360
actgtgcgtg	actgcaacag	catccccaac	atccccggct	cctgcaagga	gaccttcaac	420
ctcttctact	acgaggctga	cagcgatgtg	gcctcagcct	cctccccctt	ctggatggag	480
aaccctacg	tgaagtgga	caccattgca	cccgatgaga	gcttctcgcg	gctggatgcc	540
ggcgcgtgtca	acaccaaggt	gcgcagcttt	gggccacttt	ccaaggctgg	cttctacctg	600
gccttccagg	accaggggcg	ctgcatgtcg	ctcatctccg	tgcgcgccct	ctacaagaag	660
tgtgcatcca	ccaccgcagg	cttcgcactc	ttccccgaga	ccctcactgg	ggcggagccc	720
acctcgcgtg	tcattgctcc	tggcacctgc	atccctaacg	ccgtggagggt	gtcgggtgcca	780
ctcaagctct	actgcaacgg	cgatggggag	tggatgggtg	ctgtgggtgc	ctgcacctgt	840
gccaccggcc	atgagccagc	tgccaaggag	tcccagtgcc	gcccctgtcc	ccctgggagc	900
tacaaggcga	agcagggaga	ggggccctgc	ctcccatgtc	cccccaacag	ccgtaccacc	960
tccccagccg	ccagcatctg	cacctgccac	aataacttct	accgtgcaga	ctcggactct	1020
gcggacagtg	cctgtaccac	cgtgccatct	ccaccccgag	gtgtgatctc	caatgtgaat	1080
gaaacctcac	tgatcctcga	gtggagttag	ccccgggacc	tgggtgtccg	ggatgacctc	1140
ctgtacaatg	tcattctgaa	gaagtgccat	ggggctggag	gggcctcagc	ctgctcacgc	1200
tgtgatgaca	acgtggagtt	tgtgcctcgg	cagctggggc	tgctggagcc	ccgggtccac	1260
accagccatc	tgctggccca	cacgcgctac	acctttgagg	tgagggcggg	caacggtgtc	1320
tcgggcaaga	gccctctgcc	gcctcgttat	gcggccgtga	atatcaccac	aaaccaggct	1380
gcccgcgtct	aagtgcccac	actacgcctg	cacagcagct	caggcagcag	cctcacccta	1440
tccctgggac	ccccagagcg	gcccacgga	gtcatcctgg	actacgagat	gaagtacttt	1500
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ctgaaacagc	ctggccgcgc	agagggtgtt	gtggccatca	agacgctgaa	ggtgggctac	2040
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cccaatataa	tccggctcga	gggcgtggtc	acaaaaagtc	ggccagttat	gatacctact	2160
gagttcatgg	aaaactgcgc	cctggactcc	ttcttcgggc	tcaacgatgg	gcagttcacg	2220
gtcatccagc	tggtgggcat	gttgccgggc	attgctgccg	gcataagta	cctgtccgag	2280
atgaactatg	tgaccgcgca	cctggctgct	cgcaacatcc	ttgtcaacag	caacctggtc	2340
tgcaaagtct	cagacttttg	cctctccgcg	ttcctggagg	atgacccctc	cgatcctacc	2400
tacaccagtt	ccctgggcgg	gaagatcccc	atccgctgga	ctgccccaga	ggccatagcc	2460
tatcggaagt	tactttctgc	tagtgatgtc	tggagctacg	gaattgtcat	gtgggaggtc	2520
atgagctatg	gagagcgacc	ctactgggac	atgagcaacc	aggatgtcat	caatgccgtg	2580
gagcaggatt	accggctgcc	accacccatg	gactgtccca	cagcactgca	ccagctcatg	2640
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ctggacaagc	tcattccgaa	tgctgccagc	ctcaagggtc	ttgccagcgc	tcagtctggc	2760
atgtcacagc	ccctcctgga	ccgcacggtc	ccagattaca	caaccttcac	gacagttggg	2820

gattggctgg	atgccatcaa	gatggggcgg	tacaaggaga	gcttcgtcag	tgcggggttt	2880
gcatcttttg	acctggtggc	ccagatgacg	gcagaagacc	tgctccgtat	tggggtcacc	2940
ctggccggcc	accagaagaa	gatcctgagc	agtatccagg	acatgcggct	gcagatgaac	3000
cagacgctgc	ctgtgcaggt	ctgacaccgg	ctcccacggg	gaccctgagg	accgtgcagg	3060
gatgccaagc	agccggctgg	actttcggac	tcttggaactt	ttggatgcct	ggccttaggc	3120
tgtggcccag	aagctggaag	tttgggaaa	gcccagctg	ggacttctcc	aggcctgtgt	3180
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tgatgacccc	tcccaagcc	cctcagggcc	cagaccttcc	tgctctccag	caggggatcc	3300
ccacaacctc	acacttgtct	gttcttcagt	gctggaggtc	ctggcagggt	caggctgggg	3360
taagccgggg	ttccacaggg	cccagccctg	gcaggggtct	ggccccccag	gtaggcggag	3420
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ccctgtcccc	acccccgccc	ttggtgtgtg	cataaaagg	caggcagggg	caggctgagg	3600
agttgccctt	tgccccccag	agactgactc	tcagagccag	agatgggatg	tgtgagtgtg	3660
tgtgtgtgtg	tgcgcgcgcg	cgtgtgtgtg	tgacgcact	ggcctgcaca	gagagcatgg	3720
gtgagcgtgt	aaaagcttgg	ccctgtgccc	tacaatgggg	ccagctgggc	cgacagcaga	3780
ataaaggcaa	taagatgaaa	aaaaaaa				3807

<210> 7896
 <211> 971
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (540)...(695)
 <223> similar to gi4200330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7896						
cctggagacc	cctcgagatc	actggcagtg	tggtggaatt	cgtcagagca	agaactggac	60
agcgtggcca	tgaagctcct	tcaccaagta	agcaagctgt	gtgggaagtg	cagccccact	120
gacgtggaca	tcctgcagcc	ctccttcaac	ttcctgtatt	ggagccttca	tcagaccaca	180
cccagcagtc	agaaaagagg	tgcaaggggcc	cgggctggga	cagtgaagag	tgctgggcag	240
tctgtggtcc	tctgtatctc	aactttttca	tcttaaaaaa	acaaataggg	ttgtgtgtgt	300
ggctggtggt	cataagggtcc	tttctggctc	taataacctg	agcttctgtt	atgaagctgg	360
gacccttaga	gcctcaggat	gatcctctgt	ttgtttgtga	agccccaatc	aggtgctaag	420
caccatagtg	gcacttagct	gaagctcctc	tgtaactcct	gtggggccctg	ccttgcccac	480
ccccgacagc	tgctgcagtg	ctcctgagca	gcacaggcct	gatggagctt	ctggagaaga	540
tgctggccct	caccttgcca	aaggcagatt	ctcccaggac	tgactcctc	tgctctgcct	600
ggctgctcac	tgctccttc	tctgcccagc	agcacaaggg	cagtttgag	aaggacctc	660
tattgtccca	ggcctgtgtt	ggctgcctgg	aggccttgct	tgactacctg	gatgcccgga	720
gccagacat	tggtagaaac	tctccacatt	atctgatgtt	cccatgagag	agattagagg	780
gagcaacacc	cttccaccct	cctgctccag	ccttccattc	ccttgtgtga	ctcatacttg	840
ttttgtttta	ttcttttagc	agcactgcaa	gggcagtcac	gcccattata	cagatgggat	900
caataagggt	cagatagggtc	aaatgatgtg	cccaaccaag	gtcacaatgc	tcttaagtgg	960
cagagccctt	c					971

<210> 7897
 <211> 1611
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1589)...(839)
 <223> similar to gi5730480 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7897

atgcatgatt	tacaaagttt	tggagacccc	ctggtctgag	gcccaccctc	cagcacctct	60
gtctttccca	agttgagaac	ttacaagttc	tggacagag	gcaccactct	ggtttcatgt	120
cgtgtcctaa	ttctggcatg	ccatcctctc	acatcgcatc	caaccagag	gacgcaaat	180
gaatgtctag	catgtttact	aaaacagtgt	ctctacaata	aacacagcag	gccaacatgt	240
atagctttta	tttacctacc	caagttcctt	ttacatgtga	gttatctgca	ttccaccttg	300
ccccctctcc	caggatgaat	cctcttggca	cagaggaagg	ggtgccccct	caactagggc	360
cagagcctag	atgacctggt	ggatccccca	ccatgaaaaa	agcaggaagg	gaatggagaa	420
gaaaagtgtt	gatcacacct	agccctcacc	acaggagggg	gaatgaagag	gtctggggga	480
ctgcccccat	gctatgcccc	agtccttaaa	tacaaagcaa	ggagaatgaa	aaggaccctc	540
cctctgaaat	acagcaccca	cctcagcatg	gaggcaaaag	gacagtgggc	aagaccacgt	600
ccctccgaag	ggagagggct	gaaggagagc	acataccggt	agtggctgcg	gcacccctcc	660
ctaccagggg	ctgatgcagc	ctcagcaccg	ggagtgggga	gaggggagga	gaagggatga	720
cagcactgtg	ccatccactc	ctccctgaac	ccctggcccc	agcacaggca	ttcctctgcc	780
cactagccca	agtcagggga	tgtggaagaa	actgtgttgg	aatccaaggc	ccttatctat	840
ttctttcttc	gttcttgagg	gcagcgtggg	caaaaccatt	tcccccgagg	cttggttgtc	900
agccccacac	aggcaaaatg	gaaccactca	atggaacaat	cagggttgtc	acagccaatc	960
atctctccat	aggagacctg	gtgacaaagg	caataggtgg	gttcggttgg	atccacaggc	1020
atatccaaca	catcagaggg	gtggacactg	ccaaaggtca	ctgagggcat	cccatactca	1080
ggacttgtgc	gcacgagctt	taacttcttc	tgggcagtct	tgggggcttc	ttcatccgag	1140
tttttccctt	tggaacgagc	acgagcagct	ttcttctcct	tttgagtccg	gcctttcttt	1200
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gcctcaaaac	gggccaggtc	tgtgtccagc	cgccgaatgt	gtttgtccac	catctcatag	1320
gtctgcatgg	caagctgcac	cttgtcgtca	ccaaattcct	tgcacttgcc	ataggcttcc	1380
tggatctgtt	tgagaagggc	caatttttcc	tggagactca	ggctgcgggc	actactcata	1440
tactcagtgg	ccaacttgtc	aatttcagcc	ttcaggtcct	ctgttctttg	gtctaggtcc	1500
ctcatgagct	gaaagtttct	ctgtaattca	aaggaagggt	tttcaatact	gtccagataa	1560
tgttccaaat	acatccccgc	agccatctcg	aagcaaaaca	aagcaacttc	c	1611

<210> 7898
 <211> 2759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (279)...(2147)

<223> similar to gi5834600 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7898

tcgcgatcta	gaactagtcg	cggcgcggct	gcggcctttgc	ctcggcgcga	cagggaaaat	60
aaaagaagca	aaaacaggcc	ctgctgtgag	ggaccacgag	gcagtgccag	gatgaaagag	120
ttggagtaac	ctaggtgatt	ctgagtgaat	cagtcaggag	gccttcctgg	agggggctga	180
ggccccagct	tgtggccacc	acaacgtatc	aagctatctc	cagggttggg	ctcaggactc	240
agagctgacg	cagctggggg	gcccccttgg	tctggaggat	gaggctcctc	cgcagacgcc	300
acatgcccc	gcgcctggcc	atgggtgggct	gcgcctttgt	gctcttcctc	ttcctcctgc	360
atagggatgt	gagcagcaga	gaggaggcca	cagagaagcc	gtggctgaag	tccctggtga	420
gccggaagga	tcacgtcctg	gacctcatgc	tggaggccat	gaacaacctt	agagattcaa	480
tgcccaagct	ccaaatcagg	gctccagaag	cccagcagac	tctgttctcc	ataaatcagt	540
cctgcctccc	tgggttctat	accccagctg	aactgaagcc	cttctgggaa	cggccaccac	600
aggaccccaa	tgcccctggg	gcagatggaa	aagcatttca	gaagagcaag	tggaccccc	660
tggagaccca	ggaaaaggaa	gaaggctata	agaagcactg	tttcaatgcc	tttgccagcg	720
accgatctc	cctgcagagg	tccctggggc	cagacacccg	accacctgag	tgtgtggacc	780
agaagtccg	gcgctgcccc	ccactggcca	ccaccagcgt	gatcattgtg	ttccacaacg	840
aagcctggtc	cacactgctg	cgaacagtgt	acagcgctct	acacaccacc	cctgccatct	900
tgctcaagga	gatacactg	gtggatgatg	ccagcacaga	ggagcaccta	aaggagaagc	960
tggagcagta	cgtgaagcag	ctgcagggtg	tgagggtggg	gcggcaggag	gagcggaagg	1020
ggctgatcac	cgcccggctg	ctggggggcca	gcgtggcaca	ggcggagggtg	ctcacgttcc	1080
tggatgccca	ctgtgagtgc	ttccacgggt	ggctggagcc	cctcctgggt	cgaatcgctg	1140
aggacaagac	agtgggtggg	agcccagaca	tcgtcaccat	cgaccttaat	acttttgagt	1200
tcgccaagcc	cgtccagagg	ggcagagtcc	atagccgagg	caactttgac	tggagcctga	1260
ccttcggctg	ggaaacactt	cctccacatg	agaagcagag	gcgcaaggat	gaaacctacc	1320
ccatcaaate	cccagcgttt	gctgggtggc	tcttctccat	ctccaagtcc	tactttgagc	1380
acatcggtag	ctatgataat	cagatggaga	tctggggagg	ggagaacgtg	gaaatgtcct	1440
tccgggtgtg	gcagtgtggg	ggccagctgg	agatcatccc	ctgctctgtc	gtaggccatg	1500
tgttccggac	caagagcccc	cacaccttcc	ccaagggcac	tagtgtcatt	gctcgcaatc	1560
aagtgcgcct	ggcagaggtc	tggatggaca	gctacaagaa	gattttctat	aggagaaatc	1620
tgacggcagc	aaagatggcc	caagagaaat	ccttcgggtga	catttcggaa	cgactgcagc	1680
tgaggggaaca	actgcaactgt	cacaactttt	cctggtacct	gcacaatgtc	taccagagag	1740
tgttttgttcc	tgacctgacg	cccaccttct	atggtgccat	caagaacctc	ggcaccaacc	1800
aatgcctgga	tgtgggtgag	aacaaccgcg	gggggaagcc	cctcatcatg	tactcctgcc	1860
acggccttgg	cggcaaccag	tactttgagt	acacaactca	gagggacctt	cgccacaaca	1920
tcgcaaagca	gctgtgtcta	catgtcagca	aggggtgctct	gggccttggg	agctgtcact	1980
tactggcaa	gaatagccag	gtccccaagg	acgaggaatg	ggaattggcc	caggatcagc	2040
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ccccctgcaa	tcccagtgac	ccccatcagt	tgtggtctct	tgtctaggac	ccagatcatc	2160
cccagagaga	gccccacaaa	gctcctcagg	aaacaggatt	gctgatgtct	gggaacctga	2220
tcaccagctt	ctctggaggc	cgtaaagatg	gattttctaaa	ccactgggtg	ggcaaggcag	2280
gaccttccta	atccttgcaa	caacattggg	cccattttct	ttccttcaca	ccgatggaag	2340
agaccattag	gacatatatt	tagcctagcg	ttttcctgtt	ctagaaatag	aggctcccaa	2400
agtagggaag	gcagctgggg	gagggttcag	ggcagcaatg	ctgagttcaa	gaaaagtact	2460
tcaggctggg	cacagtggct	catgcctgaa	atcctagcac	tttgggaaga	caatgtggga	2520
gaatggcttg	agcccaggag	ttcaagaccg	gcctgagcaa	catagtgagg	atcccatctc	2580
tacgcccacc	ctcccccccg	caaaaaaaaa	agctgggtat	gggggcttat	gcctgtagtc	2640
gcagctactc	aaaaggctga	ggtgggagga	ttgcttggtc	cccgagggtt	gaagctacag	2700
tgagccttga	ttgtgtcact	gcactccagc	ctgggcaaca	ggtaagactc	tgtctcaaaa	2759

<210> 7899
 <211> 2050
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (101)...(237)
 <223> similar to gi2829147 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7899

acaacgcagc	tccgccctcg	caaaggcaca	gcgcggggcgc	aggcgcccag	aggcgcacgg	60
gagacctcag	gcccagactc	cactccccag	ctgtgaaagg	actgctggcc	agacccccaa	120
gctagcccgc	caggcctcca	tagagctgcc	cagcatggct	gcatccagta	ccaagagttg	180
gtgggagacg	ggtgaggtac	aggctcagtc	tgcggccaag	actccgtcct	gcaaggtaag	240
gtccccctcca	ggggcaaggc	tgggctgcag	agccagcact	ggggagttta	gtagcaggcc	300
aggtttcctt	gttaagacaa	gcgtgggact	gtccaggatg	aatgtgggca	gacagaacct	360
tgagggtattg	cagtaggggt	gggttcaccc	ttgctgggtg	agaaggctgt	gttgtccgag	420
tggagggtgga	tggcaccttt	attccgttcc	ctgcttcttc	cactgggatc	gcacagaaaa	480
agtttttgga	ggcagatccc	aggccccctg	gccaggtaag	gcaaggcagg	agagaagggc	540
ccagggttc	tactccccaa	gatccagggg	tctgcccttg	tgacataccc	ttctgctgcc	600
cccaggatat	tgtggctgga	gacatgagca	agaaaagcct	ctgggagcag	aaggagggt	660
ccaagacctc	atcaacaatt	aagctgcaaa	ccacccaagg	tgaagtcata	ttagcctctt	720
ggagtcagcc	tgactggggt	gaaccattg	atatgtattg	cataaatgaa	catatgacag	780
tagtgatgaa	ggatctccag	ctatccgtgt	actctctatg	cttcccagac	tctttggcag	840
ttgcaactggg	tactggctga	gttctggaaa	acaggaatgt	gagcagagtg	ctgcagatct	900
ccttgtcagg	agcacctaag	aactggcatg	actctacacc	ctctctcctt	ctgcaatgac	960
ctcgtgtcaa	gatggcagac	ccgcagagat	gaatgtgcct	ggatacctga	gtcaccaggt	1020
ggaggaaact	ccatttgaca	tgcatacac	tccacatatg	aaacccttct	ttttctgcac	1080
tgtaactggg	gttagggatt	attactcact	gcaacttagc	ctagcattaa	gttgcttgac	1140
taatacaagt	ttcaataaat	gtcgtttcat	ttcccatggc	ttttgactga	atgctgtgca	1200
atatccacaa	accatccaga	ttgtggttta	taaataccac	ccttcactaa	aaggactcag	1260
agctccttgt	agaaatggct	gatgctaagg	ctggggtagg	gaagtacaag	gtgagcccag	1320
agtgtgtgt	ggtgccagaa	agcaaggaag	catttaaaaa	atgacaggga	catgtcaaag	1380
gacacatcaa	tcaacttcaa	ggggcttcca	ctggccaaat	ctgggatgat	gtgagcatcc	1440
aaattaataa	tgataatggt	agattatagt	ctattgaata	aaatgagaac	ctataactat	1500
agaaagaaaag	aaaagggaag	gaagaaaaga	aagaagaaga	gagggaggga	gggagagagg	1560
gagggaggga	cggagggagg	gaagaaggaa	gaagactttc	ttacggtaga	atgccaatga	1620
ataaatacag	aggaataaat	agaaaactcc	atttgcaaac	atgatcataa	tagttttattc	1680
aaggagaagt	catcactgag	tgaaaattta	agaaggtaaa	gtatgttttc	attgtctcat	1740
agcacttcca	ctcatatggt	ttattaattg	caaagagaaa	aagtggtaac	ttaacagtag	1800
agaaacccag	caggctcctc	cttaatgagc	tgaacaaagt	taacaacacc	aggaatagga	1860
caaattgggtg	ccaagtgtct	cttgatgtga	tacactgaga	acacagcatt	gcttctgtag	1920
cattccgggtc	cctggaggaa	acatcagaca	aacacagatg	gagggacctt	caaggactga	1980
cctgaactgt	tcttcgggtg	caaccccatg	atagacaaaa	agaggcagag	gaactgttcc	2040
agattaaggg						2050

<210> 7900

<211> 1876
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (99)...(1183)
 <223> similar to gi4335933 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7900

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tcatcttgga	tttgaaagtt	gagagcagca	tgttttgccc	actgaaactc	atcctgctgc	120
cagtgttact	ggattattcc	ttgggcctga	atgacttgaa	tgtttccccg	cctgagctaa	180
cagtccatgt	gggtgattca	gctctgatgg	gatgtgtttt	ccagagcaca	gaagacaaat	240
gtatattcaa	gatagactgg	actctgtcac	caggagagca	cgccaaggac	gaatatgtgc	300
tatactatta	ctccaatctc	agtgtgccta	ttgggcgctt	ccagaaccgc	gtacacttga	360
tgggggacat	cttatgcaat	gatggctctc	tcctgctcca	agatgtgcaa	gaggctgacc	420
agggaaaccta	tatctgtgaa	atccgcctca	aaggggagag	ccaggtgttc	aagaaggcgg	480
tggtagtgc	tgtgcttcca	gaggagccca	aagagctcat	ggtccatgtg	ggtggattga	540
ttcagatggg	atgtgttttc	cagagcacag	aagtgaaca	cgtgaccaag	gtagaatgga	600
tattttcagg	acggcgcgca	aaggaggaga	ttgtatttcg	ttactaccac	aaactcagga	660
tgtctgtgga	gtactcccag	agctggggcc	acttccagaa	tcgtgtgaac	ctggtggggg	720
acattttccg	caatgacggt	tccatcatgc	ttcaaggagt	gagggagtca	gatggaggaa	780
actacacctg	cagtatccac	ctagggaacc	tgggtgtcaa	gaaaaccatt	gtgctgcatg	840
tcagcccggga	agagcctcga	acactgggtga	ccccggcagc	cctgaggcct	ctggtcttgg	900
gtggtaataca	gttgggtgatc	attgtgggaa	ttgtctgtgc	cacaatcctg	ctgctccctg	960
ttctgatatt	gatcgtgaag	aagacctgtg	gaaataagag	ttcagtgaat	tctacagtct	1020
tggtagaaga	cacgaagaag	actaatccag	agataaaaga	aaaaccctgc	cattttgaaa	1080
gatgtgaagg	ggagaaacac	atttactccc	caataattgt	acgggaggtg	atcgagggaag	1140
aagaaccaag	tgaaaaatca	gaggccacct	acatgaccat	gcacccagtt	tggccttctc	1200
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agcaagcctt	ttgagaagaa	tggagagtcc	cttcatctca	gcagcggggg	agactctctc	1320
ctgtgtgtgt	cctggggccac	tctaccagtg	atttcagact	cccgtctctc	cagctgtcct	1380
cctgtctcat	tgttttgtca	atacactgaa	gatggagaat	ttggagcctg	gcagagagac	1440
tggacagctc	tggaggaaca	ggcctgctga	ggggaggggga	gcatggactt	ggcctctgga	1500
gtgggacact	ggccctggga	accaggtcga	gctgagtggc	ctcaaaccct	ccgttggatc	1560
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gaaacttttg	gaaaaactga	agttcctgga	ggaaagccaa	accgtgctaa	cacactagag	1800
gctgggtttg	gtcctgggaa	aggtttgggg	tgaatggggt	ggaagtaggg	tatgaataca	1860
gttttgggat	ttaaaa					1876

<210> 7901
 <211> 1436
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (190)...(675)
 <223> similar to gi849238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7901

ttgaactgac	tgccctcgaa	acagcgtggt	ggaattctgg	gcggcgggct	ctgcctccgc	60
cgagggacag	ccggatcgcc	cctctgcttc	ccgcaactgc	cctgatcacc	ccccgtccca	120
gcccttgagt	gaacgtcctt	ctgagcggct	tcctgggggc	ctccccacgt	cccaaaggcc	180
ggcaagatgg	tgtcctggat	gatctgtcgc	ctgggtgggc	tgggtgttgg	gatgctgtgt	240
ccagcttatg	cttcctataa	ggctgtgaag	accaagaaca	ttcgtgaata	tgtgcggtgg	300
atgatgtact	ggattgtttt	tgcactcttc	atggcagcag	agatcgttac	agacattttt	360
atctcctggt	tccctttcta	ctatgagatc	aagatggcct	tcgtgctgtg	gctgctctca	420
ccctacacca	agggcgccag	cctgctttac	cgcaagtttg	tccaccgcgc	cctgtcccgc	480
catgagaagg	agatcgacgc	gtacatcgtg	caggccaagg	agcgcagcta	cgagaccgtg	540
ctcagcttcg	ggaagcgggg	cctcaacatt	gccgcctccg	ctgctgtgca	ggctgccacc	600
aagagtcagg	gggcgctggc	cggcaggctg	cggagcttct	ccatgcagga	cctgcgctcc	660
atctctgacg	cacctgcccc	tgcctaccat	gacccccctc	acctggagga	ccaggtgtcc	720
caccggaggc	cacccattgg	gtaccgggcc	gggggcctgc	aggacagcga	caccgaggat	780
gagtgttggt	cagatactga	ggcagtcccc	cgggcgccag	cccggccccg	agagaagccc	840
ctaataccga	gccagagcct	gcgtgtgggc	aagaggaagc	caccggtgcg	ggagggcacc	900
tcgcgctccc	tgaaggttcg	gacgaggaaa	aagactgtgc	cctcagacgt	ggacagctag	960
ggtctgctgc	atctgcccc	ttcttacctc	gtgccctgca	gggctccagg	gctatttgga	1020
gggaccttgg	gctgcacatc	tggcctgcct	gcaccagctg	cctggggccc	accctcctga	1080
ctcctgctga	tggttaaggg	ccgggagcag	atgctgccaa	ggccacatgc	agggatgcac	1140
ccacaatgta	ccaaagcagg	ctggggcccag	ggttctatct	attgccttgc	tctgccctct	1200
cccttccccg	gttgtgggac	aagagccctc	cctgaacccc	tgcaaccctc	cctgaacccc	1260
tgcaaatgaa	accaaacgtc	cacctgggtg	tgttcattcc	ttcctgtcct	tcaaagtact	1320
tgatagcctt	tcataaggcc	tggcacatgt	gtcctggttg	tgtgtgtgtg	tgttggtgag	1380
tgaggtcagg	tttgcgagtg	ttttgataaa	taaatacata	aaggggaaaa	aaaaaa	1436

<210> 7902
 <211> 1146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (64)...(1147)
 <223> similar to gi5924397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7902

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gccatggcct	ctctactcgc	caaggacgcc	tacctgcaga	gcctggccaa	gaagatctgc	120
tcccattcgg	ccccggaaca	gcaggcgcgc	acgcgggctg	gcaaaaactca	aggctcagaa	180
actgcagggc	ccccaaaaaa	gaaaaggaag	aaaacacaaa	agaaattccg	gaagcgagaa	240

gagaaggctg	ctgagcacia	ggccaagtcc	ttgggggaga	aatctccagc	agcctctggg	300
gccaggaggc	ctgaggcagc	caaagaggaa	gcagcttggg	cttccagctc	agcagggaac	360
cctgcagatg	gcctggccac	tgagcctgag	tctgtctttg	ctctggatgt	tctgcgacag	420
cgactgcatg	agaagatcca	ggaggcccgg	ggccagggca	gtgccaagga	gctgtcccct	480
gccgccttgg	agaaaaggcg	gcggagaaaag	caggaaacggg	accggaagaa	gaggaagcga	540
aaggagctgc	gggagaaaga	gaaggccagg	aaggctgagg	aggccatgga	ggcccaggag	600
gtggtggagg	caaccccaga	gggggcctgc	acggagccgc	gggagccgcc	cgggctgac	660
ttcaataagg	tggaggtgag	cgaagacgag	ccggccagca	aggcgagcgc	cagaaaagag	720
aagaggcaga	gggtgaaggg	gaacctcacg	ccgctgaccg	ggaggaacta	ccggcagctg	780
ctggagcgcc	tgcaggcacg	gcagagccgg	ctggacgagc	tgcgcggcca	ggatgagggg	840
aaggcgagag	agctggaggc	gaagatgaag	tggaccaacc	tcctctacaa	ggcggagggc	900
gtgaagatcc	gtgacgacga	acgcctgctg	caggaggccc	tgaagcgcaa	ggagaagcgc	960
agggcgcagc	ggcagcgccg	gtgggagaag	cgcacggccg	gcgtggtgga	gaagatgcag	1020
cagcgccagg	accggcgggc	gcagaacctg	cgcagggaaga	aggcgggccc	cgccgagcgc	1080
cgctgctca	gagcccga	gaagggccgc	atcctgccgc	aggacctgga	gcgcgcaggc	1140
ctggtc						1146

<210> 7903
 <211> 1054
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1028)...(391)
 <223> similar to gi291900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7903						
tttttttttt	ttcagggtcgt	tttttactag	tgtctggaag	acatttagga	gaattccaac	60
tgattaccat	ttacagtgat	cacaatgaaa	ctgctcagag	ttatcactga	acttcagtaa	120
gaaaatacaa	cagagtgcc	tcaggacagg	ggagagggca	ggagactgct	ccatcgctct	180
gctcatgtcc	acactgccaa	ggccccacc	acgggggtcc	ccagtgcacc	ccagctccgg	240
ggcagaagag	gcagcctgca	gatctctgct	gccgggaaag	agctcctgaa	gttgtggggg	300
ctggactctg	ctggggacgg	ggccttcgc	gagtcctcca	cctctcgggg	gactgcaggg	360
agaggcgtct	ccagtgggca	gccttgggtc	acttccatag	ctccccagc	ggcttctctg	420
tggcagtgcg	gatggcgctc	tcagagagca	cgcggatgtc	ctcatggaca	gcttcgatgc	480
ttttggaagc	atccaccatc	ttccagttca	aagtcgtgtc	tttcatgagc	tggtggaaac	540
accggagcgc	ccgctcctgg	aaagccccgt	tctcatagcg	ctcatggcca	aacgctcccc	600
gcttggcagc	atccgccagc	tgtaactgga	ggaacaggac	caggtcgggt	ttgggaaggc	660
ccacgtctgg	ctgtttacac	caatctaggg	aaaaattctc	cttggcaccg	gtgaaggcca	720
caccagaaaa	tgcgtatctg	tcacgacga	gggtcacgcc	ctggctcaac	ttttccttaa	780
ttaacggcac	ttgttcccag	cgatttgag	aaaaaagcag	gtgcaccgag	tgatcctcca	840
cgtcactttt	cttttgcaag	taggaactca	gaagtttgcc	gatttcagtt	gatctttccg	900
ggaaccggag	cagttcggcg	cggtggccc	cggcgcacag	cgcttcacc	agcttgccgc	960
tctgcgtgct	cttccggcg	cggtccacgc	cctccagcac	tatgagagcc	ccgcgcggg	1020
ccgccatgac	tgtccaccgc	gccgctggcg	aatt			1054

<210> 7904
 <211> 1442
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(1003)
 <223> similar to gi5327061 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7904
 ggatccgcgc gcaatggcgg cgctgggcgg ggatgggctg cgactgctgt cgggtgtcgcg 60
 gccggagcgg ccgcccaggt cggcggcgct gggcggcgct ggccccgggc tgtgctgctg 120
 ggtgtcagtg ttctcctgcc tcagcctcgc ctgctcctac gtgggcagcc tctacgtctg 180
 gaagagcgaa ctgcccaggg accatcccgc ggtcatcaag cgacgcttca ccagcgtcct 240
 ggtggtgtcc agtctctcac ccctgtgcgt gctgctctgg agggaaactca caggcatcca 300
 gccaggcaca tccctgctca ccctgatggg cttcaggctg gaggggcattt tcccagcggc 360
 gctgctgccc ctggttgctga ccatgattct ttctcctggg ccactgatgc agctctctat 420
 ggattgcctt tgtgacctgg cagatgggct gaaggttgct ctggcccccc gctcctgggc 480
 ccgctgcctc acagacatgc gttggctgcg gaaccaagtg atcgccccgc tgacagagga 540
 gctggtgttc cgggcctgta tgctgcccac gttagcacgc tgcatgggtc tgggcccctgc 600
 tgtgttcacc tgcccgtctt tttttggagt tgcccatttt caccatatta ttgagcagct 660
 gcgtttccgc cagagcagcg tggggaacat cttcttgtct gctgcgttcc agttctccta 720
 cacagctgtc ttccggtgctt acaactgcttt cctcttcacg cgcacaggac acctgattgg 780
 gccggttctc tgccattcct tctgcaatta catgggtttc ccagctgttt gcgcggcctt 840
 ggagcaccca cagaggcggc ccctgctggc aggctatgcc ctgggtgtgg gactcttcct 900
 gcttctgctc cagcccctca cggaccccaa gctctacggc agccttcccc tttgtgtgct 960
 tttggagcgg gcaggggact cagaggctcc cctgtgctcc tgacctatgc tcctggatac 1020
 gctatgaact ctcaccggct ccccagccct ccccaccaag gggtagtgca ggggaagggc 1080
 tggctggggt ccccagatc tcaggaattt ttgtagggga ttgaagccag agctagtgtc 1140
 gtcccaggga ccaagagaaa gaagcagata tccaaagggt gcagcccctt ttgaaagggg 1200
 tgtttacgag cagctgtgag tgaggggaca aggggcaggc cccaggagcc acacactccc 1260
 ttctctactt tggactgctg cttctcttag ctctctgccc tctgaaaagc tgctcggggt 1320
 tttttattta taaaacctct ccccaccccc ccccccccaa cttcctgggt tttctcattg 1380
 tctttttgca tcagtacttt gtattgggat attaaagaga ttttaacttg gtataaaaaa 1440
 aa 1442

<210> 7905
 <211> 2604
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2536)...(1009)
 <223> similar to gi397607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7905					
tttttttttt	ttcttatttt	ttaaactgtt	attacttcaa	gagggaaatta	tttttcaaag	60
atgataaaac	tcattttctat	tccagtaaaa	aagggtcaca	ggtttgcccc	caggggtccca	120
ggagcgcccc	gaaggcaggg	ccccccaggc	ctcttcacct	cagcctgggg	cacctataa	180
tctgagggac	cctgtgaagg	gggtgggggc	aagctcgggg	gcacagcctg	gcggccaact	240
tcggccagac	gagtggcccg	ctcacgtcca	taggatagat	gtcagtttag	gctgggaggg	300
aaaagggcgc	cagacaacca	cgatgcagtg	ccctgttgaa	gacttcgggg	gggatcaaag	360
tccgggcccc	gggttgggcg	gagaccctcg	gggcagctgc	acagggcatc	tttgttgctt	420
cactccattg	ttttttccga	ggcctgtgtt	aaaggcgctt	tgcctggcct	ggcaggtaga	480
ccaaggccaa	agctctgttg	ccagggcctg	ggcactgagt	ccccactgaa	tttggcacag	540
gaaggcggca	ctcccagcct	ggcccgtcct	gcatggggag	ccaccacacc	gggactgcag	600
tgttttcacct	tggaggggag	gaagcctggg	cccaacggct	gaacgggaca	ggccaggctc	660
acccgaggaa	ggggacgcag	gacccacagc	ccctgtgtgc	aaggcctgtg	ggccaccgtg	720
gaaagaaggt	tccagaacag	tgcttgttga	cgagcctctc	cctacaagtc	ccttcagcag	780
caagctccat	ccctgagtgt	ctgccacaag	cctgcacgca	tgtgtgtatg	tgtgccagg	840
gcgtgtgtgc	aggtgtgcaa	caggcacatg	gcagctggga	ggctcaggct	gtggggctgg	900
ggggctgtcc	cgctgggaga	gtccgggaga	agtgggggtg	aggggctggg	gggcccgtca	960
ggcccagcgg	gccaggcctg	gctggctcac	ggtgtcctca	ggaccctaca	gttttgcttc	1020
ctgcagcaca	gagcccttgg	gagctgatgt	catcagggat	tcagaatagg	cctgaatggc	1080
ctccttatcc	tttgagccct	ttttactact	actccaaaat	aaatagcatt	tctcttggct	1140
ccggatttgg	cagatgacag	ggaccagcag	caggacgcag	cccagcgcca	ggaggacgta	1200
ctgggcatag	tgcatcacct	tgggcatcaa	caccagctga	gtgtagaatg	tgtgaagagt	1260
ctccccctcc	atggccccgc	tctctgcaaa	ccagagcagc	ggcaggacca	caggctcaat	1320
cttcccagtt	tgtccaatgc	ctgcgacaga	tttcatgtag	aggctcagct	gcagtttcac	1380
agagcagttc	atggggattc	ccgtgaccgg	gtggatgtcc	aggaacaagg	agtgtgcctc	1440
ctggtttaggg	tgcaggccag	tcaccgcttc	tgcagaacc	gggtcggcgt	tgaggaagtg	1500
aggatgggag	agaaacaagg	gggcactgaa	cctgcagggt	ctgacgttct	gaattccaga	1560
ctccaggcac	gggcagaagc	cttcgttggg	tgggtagatg	gaccggttgg	caaacagggt	1620
tttgggagcc	acgaagcgat	aggtggggat	gccttcaaac	acccctgact	ccttgtacat	1680
tagcttcatg	gacggcgagg	cctccgggct	gtagaactcc	agcgaggact	caggagtcat	1740
gaaggcgggc	cacatttgcc	cagaagttcc	attgatcatg	ttgcaactgat	cggaatgcca	1800
gaagtcaacc	ttgctcagcc	cgttccactt	gtccacgagg	tggatcctgc	tgatgttctg	1860
gacccccgtg	aacccccgtg	agagcccaga	gtcggagttg	ttgagctcag	caaataatcc	1920
gaacttgtcc	ttgaagggga	acatgccttg	aaagtacttg	ttgatgagat	tcacaagggg	1980
gtccttgtag	ccccacatga	tctcaccac	agtgcggttc	atgaaggcac	gttcgccgag	2040
ggtggtgaat	gccaaggtca	tgatgagctt	cagggtcattg	ggcttattct	ccatcatcac	2100
cgccgcaccc	aagaccagga	tgttgggcat	gacgatgtag	tcgctctccg	agccgtggga	2160
cttgaggggc	tggaactgga	aggtgcggta	ctcgagggaag	gacacgggtg	cgttgttgtt	2220
gaaggtgatg	ttgcttttgt	gcctgaactc	cctgtacacg	tagggcccgc	gctcccgcac	2280
ctgcggcttc	tcgcccttca	ggatctcgct	ggggttcattg	acgtcaaaga	agtagacgga	2340
gagatagaag	gggataggga	tctccttcca	catgttgaa	gacaggctac	tggggtcgat	2400
gcgcacgttc	ttaaggacct	gctgcttgat	gagcgacggc	accatcacga	tcatgacagc	2460
gcccagcaca	gcgcacagta	gccccgcgac	gcccagcgcc	ccggcagccc	agcgcgcttt	2520
ggcggagcag	cccatgtctg	cgcgctctgg	gcccacccgc	ggctcgcagg	gctccgcgcc	2580
tggcaggaga	cggggacggc	gacg				2604

<210> 7906
 <211> 970
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (195)...(667)

<223> similar to gi4455181 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7906

cggcggttga	gagcatggcc	tctccagggg	caggtagggc	gcctccggag	ttaccggagc	60
ggaactgcgg	gtaccgcgaa	gtcgagtact	gggatcagcg	ctaccaaggc	gcagccgatt	120
ctgcccccta	cgattgggtt	ggggacttct	cctccttccg	tgccctccta	gagccggagc	180
tgcggcccgga	ggaccgtatc	cttgtgctag	gttgcgggaa	cagtgccctg	agctacgagc	240
tgttcctcgg	aggcttccct	aatgtgacca	gtgtggacta	ctcatcagtc	gtggtggctg	300
ccatgcaggc	tcgctatgcc	catgtgccgc	agctgcgctg	ggagaccatg	gatgtgcgga	360
agctggactt	ccccagtgtc	tcttttgatg	tgggtgctga	gaagggcacg	ctggatgccc	420
tgctggctgg	ggaacgagat	ccctggaccg	tgtcctctga	aggtgtccac	actgtggacc	480
aggtgttgag	tgaggtgagc	cgcgtgcttg	tccctggagg	ccggtttatc	tcaatgactt	540
ctgctgcccc	ccactttcgg	accagacact	atgccccagc	ctattatggc	tgggtccctga	600
ggcatgctac	ctatggcagc	ggtttccact	tccatctcta	cctcatgcac	aagggcgggga	660
agctcagtgt	ggcccagctg	gctctggggg	cccaaatect	ctaccccccc	agacctccca	720
cctcaccttg	cttccttcag	gactcagatc	atgaggactt	ccttagtgcc	attcagctct	780
gaggccagag	catggtcctc	cacccttctc	gccattctgc	cctgggctcc	tcaggtagtt	840
ggaattcctg	acttaggact	tggggttggg	tccaaggtgc	ttacatccca	ggggcctcat	900
gcctaagata	gaggggtggga	gcgaaccac	atgaaccaat	acagcccagc	tccaactaga	960
aaaaaaaaaa						970

<210> 7907

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (133)...(375)

<223> similar to gi2587023 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7907

cagtgggtgtg	ttacctgccc	acagcataat	gcgaggcaag	gtccagccgt	tccgcccggc	60
atacaagctt	atggagcagc	cccctttgaa	gatctccagg	tggacttcac	agagatgtca	120
aagtgtagag	gtgatcgagt	gtggatcaag	aactggaacg	tagcctcttt	gtgtccactg	180
tggaaaggac	cccagactgt	cgttctgagc	cctcccaccg	ctgtgaaggt	agaaggaatc	240
ccagcctgga	tccaccacag	ccatgtaaaa	cctgcagcgc	gtgaaacctg	ggaggcaaga	300
ccaagcccag	acaacccttt	cagagtgacc	ctgaagaaga	cgacaagccc	tgctccagtc	360
acacccggaa	gctgactggg	ccacgcacgg	ccgaagcctg	aggaagctca	tcatgagatt	420
cattttttctt	aaattttgga	cttatacagt	aagggttcca	actgatctta	ctcaaactgg	480

ggactgttcc	cagtgtactc	atcagggtcac	cgaagttagg	acagcaaatt	aaaacaatct	540
ttctgttcta	tagttattat	gaatgtatgg	aaacaataaa	agaaacttgt	ttgtataatg	600
ccactcagta	caaggtatgt	agcccagaaa	atgaccgacc	tgatgtgtgt	tataacccat	660
ctgagccccc	tgcaccaccg	tttttgaaat	aagaataaga	actggccttt	tcctaggtga	720
tacaagtaaa	ataataacta	gaacag				746

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<210> 7908
<211> 2399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (312)...(1541)
<223> similar to gi5911945 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7908	
ggcggaaattc	cgggccttgct
cgggaggcgt	gggctgggat
ggctgctgac	aagatgcaga
ggatatgttc	ttgcaggttt
ctcgtgtgtt	ccagccacag
ctgatgacct	gacctgtaag
caagccccgg	ctgttaccac
gagtgataga	ccaggagatg
gcccggcaga	gctctggcaa
gacttagaga	caggcatggc
cggccttaat	tgcctcccag
aagtgacaag	gaagtttcgg
agttttacat	gaaggatatg
acagcctggt	gtgtgatgcc
aggccaggc	cgatgtgggc
tggatattgg	agaggaccgg
agacactaga	cttgtcacia
aaggcattga	ggtggggcac
cccagtttac	caatgtctgt
gtgtgacacg	gatcttggtt
ggcccagcct	actggcccc
agcaggcggc	ctccagagtc
agcttcacgg	ggaggtgtct
aagatgcaa	caagtttggc
accctgcaca	ttttgaggtt
atggagtcac	ggattttactg
gccccattt	gcagccttgg
gactgctctc	tccagaaaca
tttttatcta	gtcatttgtt
tccagactgg	ccatgccgcc
gaggctgaga	agcaggagat
acttcccttc	tctcagctga
cgaggcgcaa	gcgcgctggc
gtgcttcccg	gtgccagggt
ccctggccac	ctgcagccgc
agggcggcgc	ctgctgctgt
gctctccctg	caggacaaat
tgatgctgca	ggtgggcctg
ataccgtccg	tgccatggag
agtcacacatg	cccagcctca
gatgggcaaa	gagctgctaa
aactcacgag	gaagccatta
gcttcccttc	ctgctgtacc
tggtcttctc	cgtggccgag
agaggctgcc	cagcagacct
gctagggctg	ccatttgtca
tcagagttc	cagctcccag
cagcttctca	gccaacatgg
gggccattg	actaaaacca
gtactcatcc	attttcaatg
aatgggggtgc	tatggcttgg
tacagaagac	tgtgtccgct
ccctaagaag	ggcagtaagg
catcacagag	gcagtgcctc
gacctcgga	aacagactga
tggcaagagg	gccctggagg
ggtggccttc	ctcaccaaag
aatgccccca	gcccaccctc
tttctacac	ccctttcctg
gatcatgtta	gggaaatcaa
tcattaactt	gatccctttc
tccattgtgg	aagcttctag
ttaccctgag	gggggaagtc
gaatggctga	tggctgagag


```

ttttagtggt cttatttctc ccttacctat tctttggtag acatatgtgt attcctgttt 1800
aatcgaataa aagaaccaac actaaccttc taaaa 1835

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<210> 7910
<211> 2082
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1947)...(453)
<223> similar to gi5824689 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7910
ctccccccc cggtatttaa attggggaac ccccggggtt tcccccccc cccgtgttta 60
aaaccggcc ccggaattta attttggggc ccccaaaaaa aaaaaataac tttccccccc 120
ccgggactaa aaatttggtc ccttaaaagg gccccccct ttttttttt tgagtttttt 180
cctcttttat taagtccgct atactaacta gaaggagaat ctgtgggttt cgccctgatag 240
accacagggc caatcaccac agcttcttgt agagaacatg gagagtgcc aagatcaccat 300
caggtgcccgc ttccttctcg tggctttcca tcttcagtc agcctgggtct tttgccttga 360
agggcccca aacaacagcc ctggctatca tcttcatccc aaaagcggag aagatgggca 420
ggcaagaaca cggagggtgt cacagagagg ttcccatcag gttcacaggg cgcccgctgt 480
acctcttggg gatgtcagct tcaatcagct tctgcagctc cttgggtctt tccagtagca 540
ggtccagctt aggtccaga gccgcctgct cctcaagtgc ctctgctgc ttctgcacca 600
tcagctcttt cttcaaagcc agcagctggg actgcttcag cttttgctgg aggaattcag 660
tactcggtc cacatacctt ggtgaggcca ggatcataaa caggtgttgc agctgaagac 720
tggtaagctt gccaatcaga tctccagca ctgacaccat ggtaaccatc ttctctttgg 780
tctggccctg caggatggct ggagccagct ggaactggct cacagacagg acatctgcct 840
cctcactcaa ctccactgct ctctgggcta agaagatctc aagctccatg agctcatcaa 900
ggaactgatt ccgggtctca gtgtattcaa gcagtgtcag ggcatctggg cccctggcaa 960
caccttctgg agcctgggtt cctgcttcca gcaactgtat ctgcaaagca acagcatcgt 1020
ctccccagtc tatcccatca cctccaggat cctttgaatc tgattccggg aagatgcccc 1080
agtcgattcc agcagcctcg gcagagatgc cagagtcagt cccctcagac actgcctcta 1140
cccaaagtc gccccagtc atcgcatctt ctgccacctg ctgaggaagc tctcgaggt 1200
ggggtcggtc caccacagag ggctctgtcc ctgtcctcca ctgtacacc gttgagtttc 1260
cccgcttctg cacgaaccgc agcattggca acacctgctc tgtggggctc tcacacacaa 1320
acccacaga cgctgggtac acgtcaatgg cttccccag ggactgctga gccgctgcc 1380
caatctcagc cagctgactc ggcaggtcct tcaccagggc cagcagttct cctcggacat 1440
tttcgcccgt gatgccatac tgcttgagg agtggttaga ctgctcccgc atctcggcag 1500
ccctgcccgt gcaactctcc tcttgccggc tgtattcttg ctgcagctgc tggcacttgg 1560
caatctgctt cttcagtgag gggatctcat agttgacatt ccgaaccagg aggtagaga 1620
gttccactaa gtaggtgttg tcttctcat acagagctat aatctcctgc caatccttca 1680
tccgctgtga agagtatcgg ccaaaaatat tcttcgtgga ggcctctgtg cctttgagaa 1740
ggtccaggat tcttaggcag tgaaagtagt gaatgtagga ccagacagc agctgggcga 1800
tctcttcgct ctctggcatg tctgggatgg cagcattgat cttctcggcg atcgtcagca 1860
ccagactctg ccatttcagg ctgcagtgcc ttctgtccac cagccaatcg agcagcttgc 1920
tggctctggat gtcgatgggc acgtgctgat ggtcctccat ctttccctcca cttccgcttc 1980
aggctggaga ctgtggccc cccgcacctc ccaccaatcc agtggcggtt tggccgagcc 2040
tccgtttaga cacaacagg catccttcgg ccacctcgtg cc 2082

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<210> 7911
 <211> 3551
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3168)...(3442)
 <223> similar to gi4884194 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7911

gagcactgct	tctcagtc	ccc	cacactgtct	tgctgcatac	tgaaattgtc	actacatgca	60
agtgcactc	aaaccctgcc	tgccaaatct	gtcatcagaa	gcattgcctt	tgactcagtt		120
tccttgccctg	ttaaaaatgt	gtagagaagc	taatcattga	gagaaagtga	atgaaagcag		180
ttttttcaac	tgctctgatg	gaaaccacga	ttcatgagac	cctcttttgt	ccttgaaaat		240
agcattgtca	tcactgccc	ggttttggga	gaatattatt	ttattatcaa	atgtacagta		300
tattgacctt	aaaaatacag	taaagcagtc	atggaaataa	caggtcgtgt	attattcatg		360
ggcacaact	gactcatggc	tggggaagaa	gcagccacct	tagaccagat	ggacaagcca		420
gatactgcag	agaagtttct	gggcttttcg	gggaagactc	tagattcaat	tctgtaaagt		480
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actttgcata	caaggaaatc	taatatcgca	gccttcccca	ctggagggtt	cctggagaag		600
gtaataaac	agtggtgact	gaatttgaag	gagggttgag	agaaattttt	taaaattata		660
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taagacagaa	agtattttct	cttctagtct	catcgtctga	tttgaaagga	aaaaatatat		780
atataaaaca	ttatataaaa	agtgagttcc	aggaagaaat	gtttttcttt	tttcatataa		840
aatggtagct	gtatgtatgt	aactctgaat	taaaatatat	atatatatca	gtcactctgg		900
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cctcagatat	cctatggacg	cttatgaagg	cagtcgagtg	gcatttgcaa	aaaaagaaaa		1140
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attgtagatc	aagatcaacc	tcaacttgaa	acccaccaga	ggccaccatg	cactgtgaca		1320
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tcacgaaccg	tgagggtgcc	attgtccaga	agagaaacgc	gtcccagggt	ttgggggccc		1860
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gtgcagggga	gcttcagggt	ctcaccattg	atgatgctga	ccaggttatg	atactgcttg		1980
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atgccgtcag	ccttgtgtga	gaagcgtgct	agctgctgtc	cactctgcag	atcgggtgcca		2160
ttgggaagga	cccacaccag	gctgggtgtc	ggggtccccg	cggcagagca	gttgaggctg		2220


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atggtgtggc ccgccatggc cgtgatcttc tcgctgatcg ggctgtggaa gatggggttc 2280
tccatgggct ccaggacagt gagctgcacg atcaacctgg cctccccctcc ctcggtgcgt 2340
gccatgcata ccagctggac ggagtcgctc ttctctaaac tcttgatgtc caggggaaccg 2400
ttgccatgga cagtgatccg gtttccatag tatggagctg gcagaaccac accctcggga 2460
aaagcccata acaccctcgg ggtgggggatg ccttcagctt tgcagtcaat cagtttccga 2520
ctgcccccg ctgctatctc ccgcacagtg gtgatggggt tggggttacc gttgatcttg 2580
ggtggctgga cgttgacgtg aatccacacc gtcttcctat cctctcccg cgtgttcctg 2640
accaagcagg tgtagttgcc gctgtcagaa cgctgggctt tctgaataag gagagtgcc 2700
tcttggtata tctgatactt ctcaaggagg gtggggatca ccttgttggt tggggacaac 2760
caagtcacct tgggcatggg ttctcctttg gcctcacagg ctacagtgc cacgtctcca 2820
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ccttcctccc tcatccccac ttcggttaaag tagagtgtcc cattgttgaa gacgacatag 3000
cgcttggtgc gtccaccgct gtcacccgac tgcataagg agttcaccag actcccgtct 3060
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tcacccccgt agaagacttt gtggtcggtc tcctccttgt gttcaatctt ggccggtttc 3180
atcaccacat ccactttgag caccacgtag tcatcaccaa ccttatttcg agctacgcac 3240
aggtaatctc cggcatcttt gtccgtcact gatttcacca ccagggtccc attggcaaac 3300
accttgattc tgctatcaaa actaagagcg cgtcgatcat cctcttgga ggcagcctcc 3360
agaggatgcg cggccagggg tccccgaggc gctgcagtcc agcttgaggg ttcctaagca 3420
atcattctgg aatccacatt tcagaagacg tggatgtaag ttgttttgga gtcactgccg 3480
agaatgtttt ttgccatgca ctgtgtagaag ccggcatctc tctgtgtggc ctcgtgccga 3540
atgcctgcag g 3551

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```

<210> 7912
<211> 1451
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1452)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (300)...(1112)
<223> similar to gi4566746 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7912
gattctcctg cctcagcctc ctgagtagct gggactacag gtgcgcacca ccgtgcggat 60
ttttgtatatt ttagtagaga gggagttttg ccacattggc caggctgggtc ttgaactcct 120
gacctcagggt aatccaccca cctcagcctc ccaaagcact gggattacag gcgtgagcta 180
ttgtgcccag ctgggatctt gacaaaaaca ctatttctct cctttcacct gtgctgtgta 240
tttttccctc gcctagttcc cagacctcac tgctatatgt cttctccctg gcaggcagga 300
tgacgcaaaa cacggtgatt gtgaatggag ttgctatggc ctctaggcca tcccagccca 360
cccacgtcaa cgtccacatc caccaggagt cagctttgac acaactgctg aaagctggag 420
gttctctgaa gaagtttctt ttccacctg gggacactgt gccttcaca gccaggattg 480
gttatgagca gctggctcta ggggtgactc agatattgct gggggttgtg agttgtgttc 540

```

ttggagtgtg	tctcagcttg	gggccctgga	ctgtgctgag	tgcctcaggc	tgtgccttct	600
gggcggggtc	tgtggtgatc	gcagcaggag	ctggggccat	tgtccatgag	aagcaccg	660
gcaaaacttg	tggctatata	tccagcctgc	tcaccctggc	aggctttgct	acagctatgg	720
ctgctgttgt	cctctgcgtg	aatagcttca	tctggcaaac	tgaacccttt	ttatacatcg	780
acactgtgtg	tgatcgctca	gaccctgtct	tccctaccac	tgggtacaga	tggatgcggc	840
gaagtcaaga	gaaccaatgg	cagaaggagg	agtgtagagc	ttacatgcag	atgctgagga	900
agttgttcac	agcaatccgt	gccctgttcc	tggctgtctg	tgtcttgaag	gtcatttgtgt	960
ccttggtttc	cttgggagta	ggtcttcgaa	acttgtgtgg	ccagagctcc	cagcccctga	1020
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gggagcagac	ctccactgcc	attgtcctgt	gagctgcaa	agaccccacg	gggtgcccgc	1140
atgtccctgt	ctagggcagc	ccaggggccc	cactcctggc	tcctcacact	tgctcccct	1200
atggccgctc	tccagaccct	cctcctttct	tctcccaca	tccgcacctg	ctgttcccac	1260
tctggggttc	tcaagtccat	gaacagatat	tgttgcat	tccacaatgc	tgattaaaca	1320
taataaaca	tccagaaaag	cagttttgcc	cagaaaagata	tggttttcct	tttgtttatt	1380
acaccttgtg	gcggccatgg	aaagggcctt	tntttgtgtt	cggtatgtat	ggaggttaaa	1440
nggggagctg	a					1451

<210> 7913
 <211> 1309
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (216)...(1249)
 <223> similar to gi2274982 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7913						
gcggccgccc	gcgagcgggg	cggtgccacg	tacggctccg	gaagaagcga	cggaatctgc	60
tagggcaca	gagagacggg	cgctcgcgct	ctcgcagtc	tcttccgtca	gtgtcttttg	120
cttcgactcc	cggcggagcg	cgcaacgtgg	agtgcagtc	aggggccaa	tgcaaccacg	180
gcagccacgg	ctgtttcgga	gctcaggact	ctaaaatggc	agagcagctt	tctccaggaa	240
aggcgggtga	tcaggtgtgc	accttccttt	tcaaaaagcc	tgggcggaaa	ggggctgctg	300
gacgcagaaa	gcgcccggcc	tgcgacccag	agcccggaga	aagcggcagc	agtagcgacg	360
aaggctgcac	tgtggttcga	ccgaaaaaga	agcgggtgac	ccacaatcca	atgatacaga	420
agaccctga	cagtggtaaa	cagaaggcgg	cttacggcga	cttgagcagc	gaagaggaag	480
aggaaaatga	gcccagagag	ctcggcgtgg	tttataaatc	cacccttcg	gcgaaacccg	540
tgggaccaga	ggatatggga	gcgacagctg	tctatgagct	ggacacagag	aaagagcgcg	600
atgcacaagc	catctttgag	cgagccaga	agatccagga	ggagctgagg	ggcaaggagg	660
atgacaagat	ctatcgggga	atcaacaatt	atcagaaata	catgaagccc	aaggatacgt	720
ctatgggcaa	tgctcttcc	gggatggtga	ggaaggccc	catccgagcg	cccagagcatc	780
tacgtgccac	cgtgcgctgg	gattaccagc	ccgacatctg	taaggactac	aaagagactg	840
gcttctgcgg	cttcggagac	agctgcaaat	tcctccatga	ccgttcagat	tacaagcatg	900
ggtggcagat	cgaacgtgag	cttgatgagg	gtcgctatgg	tgtctatgag	gatgaaaact	960
atgaagtggg	aagcgatgat	gaggaaatac	cattcaagtg	tttcatctgt	cgccagagct	1020
tccaaaaccc	agttgtcacc	aagtgcaggc	attatttctg	cgagagctgt	gcactgcagc	1080
atttccgcac	caccccgcg	tgctatgtct	gtgaccagca	gaccaatggc	gtcttcaatc	1140
cagcgaaaga	attgattgct	aaactagaga	agcatcgagc	tacaggagag	ggtggtgctt	1200
ccgacttgcc	agaagacccc	gatgaggatg	caattcccat	tacttaggtt	tcccataatt	1260

cttaaattta aaaaataaac gttttgttct tttggaagta aaaaaaaaaa

1309

<210> 7914

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1096)

<223> similar to gi4929585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7914

gactgagatc	ctggagataa	gtcccggcgc	ttgcgcggcg	gcggctatgg	cggcggagga	60
ggaggaggtg	gactctgccg	acaccggaga	gaggtcagga	tggctaactg	gttggctccc	120
cacatggtgc	cctacgtcta	tatcacacct	taaagaagct	gaagagaaga	tgttaaaatg	180
tgtgccttgc	acatacaaaa	aagaacctgt	tcgtatatct	aatggaaata	aaatatggac	240
actgaagttc	tctcataata	tttcaaataa	gactccactt	gtccttctcc	atggttttgg	300
aggaggtctt	gggctctggg	cactgaattt	tggagatctt	tgcaccaaca	gacctgtcta	360
tgcttttgac	ctattggggt	ttggacgaag	tagtagacct	aggtttgaca	gtgatgcaga	420
agaagtggag	aatcagtttg	tggaatccat	tgaagagtgg	agatgtgccc	taggattgga	480
caaaatgatc	ttgcttgggc	acaacctagg	tggattcttg	gctgctgctt	actcgctgaa	540
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gcagcgttta	aggcctgatt	tcaaacgaaa	gtattcttca	atgttcgaag	acgatactgt	780
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tatgactatt	ccttatggat	gggcaaaaag	gccaatgctc	cagcgaattg	gtaaaatgca	900
ccctgacatt	ccagtttcag	tgatcttttg	cgcccgatcc	tgcatagatg	gcaattctgg	960
caccagcatc	cagtccttac	gaccacattc	atatgtgaag	acaatagcta	ttcttggggc	1020
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cgacactgtg	gactgaacac	actgaagctc	tgatgggaaa	acctggtgac	tgatatagtt	1140
gttcagcaat	aattcatagt	ctgtgatgaa	gagtagtgaa	tacaacacac	aaccaggcag	1200
ccttcttgac	tatactttgc	acatgttttc	tttaggaatt	cactcacaca	tttaaaccag	1260
ttagtgcctt	ctagaagaat	ggctttcctt	tctcctacac	aaaattgaaa	tatacaagtc	1320
tctaaatata	atacctttta	ataaaagggt	atttgtccct	ctgatgtact	gaaaaactgt	1380
aatttttcag	ctgaaaatth	tttaattctaa	ctttgctagt	tatttttata	ttgcaatcta	1440
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ctactcttcc	aaggaacatg	acttcaatac	tttcagtgat	tcagggtactg	aaaagcctta	1860
ccctaaaagg	gctgttcttt	gtttccccct	ttccatacta	ttcttttccc	atgacccagg	1920
atgcagcaaa	tgaacagat	ttcttctctt	aaggggatat	taagactgtt	acttccctagt	1980
aaggccaagt	aataccatat	ttttattaac	atcctaactt	ttgtaggagg	ggtgctaaaa	2040
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tgacctat	tttaggaac	taccatcaag	tgtagcattt	tcttgcagtt	ttaaaatgag	2280
gaaaacttct	ttgaaactgt	gaaatgctcc	atgtggtaac	tggctgctga	gaaaaccctt	2340
caccaaaaaa	ataaataaaa	attgaatagg	attgtcatca	agaaggcatc	tttcgctaac	2400
gttgcttgctc	taggagaaaag	gtagctatgt	aaataaaaac	agtgaactag		2450

<210> 7915
 <211> 1470
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (64)...(1309)
 <223> similar to gi425146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7915						
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gcttggcttt	ggctactggg	aacagggatc	ctggcctctg	tccactgtca	gccccttctt	120
gcccattggag	ataaaagtct	gcaggggctt	caacccccca	ggcatcagct	ctcagagcca	180
gccccgcct	accacagaat	cacacccacc	attaccaatt	ttgctttgog	ttgtataaa	240
gagctggcag	cagacgcccc	cggaaacatc	ttcttctcgc	cagtgcagcat	ctccaccacc	300
ctggccctgc	tctctcttgg	ggccccagct	aacacctcag	ctctgatcct	ggaggggctg	360
ggattcaacc	tcacagaaac	ccctgaagcc	gacatccacc	agggcttccg	gagcctcctc	420
cacacccttg	ccctgcccag	ccccaaactc	gaactaaaag	taggaaactc	cctgttctta	480
gacaagcgac	taaagcctcg	gcagcactat	ttggacagca	tcaaggagct	ttacggagct	540
tttgcttttt	ctgccaactt	cacagattct	gttacaactg	ggaggcagat	taatgactat	600
ttgagaaggc	aaacatacgg	gcaagtgcgt	gactgcctcc	cggagttcag	ccaggacacg	660
ttcatggttc	ttgccaatta	catcttcttc	aaagccaagt	ggaagcacc	tttcagtgcg	720
taccagaccc	agaagcagga	aagtttcttt	gtggatgaga	ggacttctct	ccagggtccc	780
atgatgcacc	aaaaggaaat	gcacagattc	ctctatgacc	aggatttggc	ttgcaccgtc	840
ctccagatag	aatacagagg	aaatgccttg	gcgctgctgg	tcctccctga	cccggggaaa	900
atgaagcagg	tggaggctgc	tctgcagcca	cagaccctga	gaaaatgggg	ccaattgctc	960
ctgcccagtc	tgttggattt	gcacttgcca	aggttttcaa	tttctggaac	atataacctg	1020
gaagacatac	ttccccaat	tggcttcacc	aacatactca	acttagaagc	tgacttctca	1080
ggagtcaactg	ggcagctcaa	caaaaccatc	tccaaggtgt	cacacaaggc	gatggtggac	1140
atgagtgaga	aggggaccga	ggccggggct	gcttcaggcc	tcctctccca	gccccatct	1200
ctgaacacca	tgtcagaccc	acatgcccac	ttcaacaggc	ctttcctctt	gctccttttg	1260
gaggtcacca	cccagagctt	actcttctctg	ggaaaagtgt	tcaaccagct	tgagggttaa	1320
ccatggtggg	aggccaggag	ttatcttatc	tcctcctgga	ccaaacagat	aggccagaac	1380
cagcctgcat	cctggggctg	ctatgtggtt	cagttaatca	gtgtgccaag	attctaataa	1440
agttgacctt	gggttctgtg	aaaaaaaaaa				1470

<210> 7916
 <211> 1408

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (118)...(1091)
 <223> similar to gi5689750 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7916

tgaacatatt	tacatttgat	ttaacagtga	accttaattc	tttctggctt	cacagtgaaa	60
caagtttatg	caatcgatca	aatatTTTca	tccctgaggt	taacaattac	catcaaaatg	120
ttttgtggag	actatgtgca	aggaaccatc	ttcccagctc	ccaatttcaa	tcccataatg	180
gatgccccaa	tgctaggagg	agcactccaa	ggatttgact	gtgacaaaga	catgctgata	240
aacattctga	ctcagcgctg	caatgcacaa	aggatgatga	ttgcagaggc	ataccagagc	300
atgtatggcc	gggacctgat	tggggatatg	agggagcagc	tttcggatca	cttcaaagat	360
gtgatggctg	gcctcatgta	cccaccacca	ctgtatgatg	ctcatgagct	ctggcatgcc	420
atgaagggag	taggcaactga	tgagaattgc	ctcattgaaa	tactagcttc	aagaacaaat	480
ggagaaattt	tccagatgcg	agaagcctac	tgcttgcaat	acagcaataa	cctccaagag	540
gacatttatt	cagagacctc	aggacacttc	agagatactc	tcatgaactt	ggtccagggg	600
accagagagg	aaggatatac	agaccctgcg	atggctgctc	aggatgcaat	ggtcctatgg	660
gaagcctgtc	agcagaagac	gggggagcac	aaaaccatgc	tgcaaatgat	cctgtgcaac	720
aagagctacc	agcagctgcg	gctgggtttc	caggaatttc	aaaatatttc	tgggcaagat	780
atggtagatg	ccattaatga	atgttatgat	ggatactttc	aggagctgct	ggttgcaatt	840
gttctctgtg	ttcgagacaa	accagcctat	tttgcttata	gattatatag	tgcaattcat	900
gactttgggt	tccataataa	aactgtaatc	aggattctca	ttgccagaag	tgaaatagac	960
ctgctgacca	taaggaaacg	atacaaagag	cgatatggaa	aatccctatt	tcatgatata	1020
agaaattttg	cttcagggca	ttataagaaa	gcactgcttg	ccatctgtgc	tggtgatgct	1080
gaggactact	aaaatgaaga	ggacttggag	tactgtgcac	tcctctttct	agacacttcc	1140
aaatagagat	tttctcacaa	atttgtactg	ttcatggcac	tattaacaaa	actatacaat	1200
catattttct	cttctatctt	tgaaattatt	ctaagccaaa	gaaaactatg	aatgaaagta	1260
tatgatactg	aatttgcta	ctatcctgaa	tttgctact	atctaatacag	caattaaata	1320
aattgtgcat	gatggaataa	taggaaaaat	tggcattggg	aataggattt	tattttaaat	1380
gtggaaccat	ccaacaacct	accaacca				1408

<210> 7917
 <211> 7272
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (72)...(948)
 <223> similar to gil665823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7917

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<210> 7919

<211> 2248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (149)...(858)

<223> similar to gi4633509 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7919

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<210> 7921
 <211> 1990
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1221)...(632)
 <223> similar to gi6012973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7921

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cctcacttgg	ccaggetcta	gtactccacc	tttgagctgc	catgcccatt	aggggaagtc	180
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cccgtgtgc	cctctagtgc	togatgtcc	cactgcttcg	ctccacagaa	gtgtccgcct	1920
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ccgcacgaaa						1990

<210> 7922
 <211> 2740
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (288)...(2401)
 <223> similar to gi3820614 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7922

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ctgccagttt	ctgggtgggc	cttcctcctc	cagggactca	ctgattccgg	ctggcgccct	180
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gaacactgta	taacaccaac	acactcgagt	ctttcaagac	tgcagataag	aagctccttt	600
tggaacaagc	agcaaatgag	atatgggaat	ccataaaatc	aggcactgct	cttgaaaacc	660
ctgtactcct	caacaagttc	ctcctcttga	catttgcaga	tctaaagaag	taccacttct	720
actattgggt	ttgtatcctt	gccctctgtc	ttccagagag	ttacctctc	attcaggggc	780
cagtgggttt	ggatcaaagg	ttttcactaa	aacagattga	agcactagag	tgtgcatatg	840
ataatctttg	tcaaacagaa	ggagtcacag	ctcttcctta	cttcttaatc	aagtatgatg	900
agaacatggt	gctgggtttc	ttgcttaaac	actacagtga	tttcttccaa	ggtcaaagga	960
cgaagataac	aattgggtgta	tatgatccct	gtaacttagc	ccagtaccct	ggatggcctt	1020
tgaggaattt	tttggctcta	gcagcccaca	gatggagtag	cagtttccag	tctgttgaa	1080
ttgtttgctt	ccgtgaccgt	accatgcagg	gggcgagaga	cgttgcccac	agcatcatct	1140
tcgaagtgaa	gcttccagaa	atggcattta	gccagatttg	tcttaaagca	gttggatggg	1200
aaaagaacca	gaaaggaggc	atgggaacca	ggatggtgaa	cctcagtga	tgtatggacc	1260
ctaaaagggt	agctgagtc	tcagtggatc	taaatctcaa	actgatgtgt	tggagattgg	1320
ttcctacttt	agacttggac	aagggttgtgt	ctgtcaaattg	tctgctgctt	ggagccggca	1380
ccttgggttg	caatgtagct	aggacgttga	tgggttgggg	cgtgagacac	atcacatttg	1440
tggacaatgc	caagatctcc	tactccaatc	ctgtgaggca	gcctctctat	gagtttgaag	1500
attgcctagg	gggtggtaag	cccaaggctc	tggcagcagc	ggaccggctc	cagaaaatat	1560
tcccgggtgt	gaatgccaga	ggattcaaca	tgagcatacc	tatgcctggg	catccagtga	1620
acttctccag	tgtcactctg	gagcaagccc	gcagagatgt	ggagcaactg	gagcagctca	1680
tcgaaagcca	tgatgtcgtc	ttcctattga	tggacaccag	ggagagccgg	tggcttccctg	1740
ccgtcattgc	tgcaagcaag	agaaagctgg	tcatcaatgc	tgctttggga	tttgacacat	1800
ttgttgtcat	gagacatggt	ctgaagaaac	caaagcagca	aggagctggg	gacttgtgtc	1860
caaaccaccc	tgtggcatct	gctgacctcc	tgggctcatc	gctttttgcc	aacatccctg	1920
gttacaagct	tggctgctac	ttctgcaatg	atgtggtggc	cccaggagat	tcaaccagag	1980
accggacctt	ggaccagcag	tgcactgtga	gtcgtccagg	actggccgtg	attgcaggag	2040
ccctggccgt	ggaattgatg	gtatctgttt	tgcagcatcc	agaagggggc	tatgccattg	2100
ccagcagcag	tgacgatcgg	atgaatgagc	ctccaacctc	tcttgggctt	gtgcctcacc	2160
agatccgggg	atttctttca	cggtttgata	atgtccttcc	cgtcagcctg	gcatttgaca	2220
aatgtacagc	ttgttcttcc	aaagttcttg	atcaatatga	acgagaagga	tttaacttcc	2280
tagccaaggt	gtttaattct	tcacattcct	tcttagaaga	cttgactggg	cttacattgc	2340
tgcatacaaga	aacccaagct	gctgagatct	gggacatgag	cgatgatgag	accatctgag	2400
atggccccgc	tgtggggctg	acttctcccc	ggccgcctgc	tgaggagctc	tccatcgcca	2460

gagcaggact	gctgacccca	ggcctggtga	ttctgggccc	ctcctccata	ccccgaggtc	2520
tgggattccc	ccctctgctg	cccaggagtg	gccagtgttc	ggcgttgctc	gggattcaag	2580
ataccaccag	ttcagagcta	aataataacc	ttggccttgg	ccttgctatt	gacctgggac	2640
ttggtcctcc	atgcagtttt	tatttcttgt	cacagtgact	gatagccatc	ccccaggatc	2700
ctttcccctt	ggccctgagg	gggtgaccca	acacagacca			2740

<210> 7923
 <211> 1008
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (135)...(567)
 <223> similar to gi5832417 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7923						
agtgggtgaa	ttcgagctac	aacctgccag	cctatgctcc	atacctgccc	tgcgaggcct	60
gcgcgatgca	agacgggaga	aaaggagggg	cgtacgcggg	caagatggag	gcgactacgg	120
ctggtgtggg	ccggctagag	gaagaggcgt	tgcggcgaaa	ggaacggctg	aaggccctac	180
gggagaaaac	cgggcgcaag	gacaagggaag	atggggagcc	aaagaccaag	catctcagag	240
aagaggagga	agaaggcgag	aagcacaggg	aacttaggct	gcggaactat	gtcccggagg	300
atgaggacct	gaagaagagg	agggtgcccc	aggccaaacc	ggttgcagtg	gaggagaagg	360
tgaaggagca	gctggaggcc	gccaagcccc	agcccgatcat	cgaggagggtg	gacctggcca	420
acctcgctcc	tcggaagcct	gactgggacc	tcaagagaga	tgtggccaag	aagctggaga	480
aactaaaaaa	gcggaactcag	agggccattg	ccgagctgat	ccgtgaaagg	ctgaaaggcc	540
aggaagacag	cctagcctct	gcagtggatg	ctgccaccga	acaaaagacc	tgtgactccg	600
actgaggcat	gccctgcccc	accactcgcc	catcaggcct	gtcctgcagg	ggatggtctt	660
gggcagggat	gggggctagg	cttgccatca	cctccagttt	ggcttctgag	cagagactcc	720
ctgcccata	agtctgaaac	ccccatggat	gagggtcagct	ccttgtctgc	tgggtggccc	780
ctgccattct	gaatggaggc	agaaccagca	acaactctgg	gcgtgcctgt	gtctgcacat	840
gtggatgtac	atatgtctgt	atatatgtat	atattttgaa	ctttctaaaa	aaaaatctgg	900
aaatagaaac	aagtaaaaaa	aaaaaaaaag	ggcgccctgt	ttaagggatc	aaagtttact	960
tccgcgggga	tggagaggga	aaagtgtttt	tatggggggc	ccataacc		1008

<210> 7924
 <211> 2258
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(1240)
 <223> similar to gi3877175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7924
tttcgtcgcg ggcgggcggg cagcgcagcg ccgagcgggg cccgcggggc catgaggagg 60
cctggggacc atgggctcca ggatcaagca gaatccagag accacatttg aagtatatgt 120
tgaagtggcc tatcccagga caggtggcac tctttcagat cctgaggtgc agaggcaatt 180
cccgaggagc tacagtgacc aggaagttct acagactttg accaagtttt gtttcccctt 240
ctatgtggac agcctcacag ttagccaagt tggccagaac ttcacattcg tgctcactga 300
cattgacagc aaacagagat tcgggttctg ccgcttatct tcaggagcga agagctgctt 360
ctgtatctta agctatctcc cctgggttcga ggtattttat aagctgctta acatcctggc 420
agattacacg acaaaaagac agggaaatca gtggaatgag cttcttgaaa ctctgcacaa 480
acttcccata cctgaccagc gagtgtctgt ccatctcagc gtgcattctt attttactgt 540
gcctgatacc agagaacttc ccagcatacc tgagaataga aatctgacag aatattttgt 600
ggctgtggat gtttaacaaca tgttgcatct gtacgccagt atgctgtacg aacgccggat 660
actcatcatt tgcagcaaac tcagcactct gactgcctgc atccacgggt ctgcggcgat 720
gctctacccc atgtactggc agcacgtgta catcccgtg ctgccgccgc atctgctgga 780
ctactgctgt gctcccatgc cctacctcat aggaatccat ttaagtttaa tggagaaagt 840
cagaaacatg gccctggatg atgtcgtgat cctgaatgtg gacaccaaca ccctggaaac 900
ccccttcgat gacctccaga gcctcccaaa cgacgtgatc tcttccctga agaacaggct 960
gaaaaaggte tccacaacca ctggggatgg tgtggccaga gcgttcctca agggcccaggc 1020
tgctttcttc ggtagctacc gaaacgctct gaaaatcgag ccggaggagc cgatcacttt 1080
ctgtgaggaa gccttcgtgt cccactaccg ctccggagcc atgaggcagt tcctgcagaa 1140
cgccacacag ctgcagctct tcaagcagtt tattgatggc cgattagatc ttctcaattc 1200
cggcgaaggt ttcagtgatg tttttgaaga ggaaatcaac atgggcgagt acgctggcag 1260
tgacaaactg taccatcagt ggctctccac tgtccggaaa ggaagtggag caattctgaa 1320
tactgtaaag accaaagcaa atccggccat gaagactgtc tacaagtctg acattgccga 1380
gaatggctgc gccccacccc cagaagagca gctgccaaag actgcaccgt cccactgggt 1440
ggaggccaag gacccaagc tccgagaaga ccggcgccca atcacagtcc actttggaca 1500
ggtgcgcca cctcgtccac atgttggtta gagaccaaa agcaacatcg cagtggagg 1560
ccggaggacg tctgtgccga gccctgagca aaacaccatt gcaacaccag ctacactcca 1620
cattctacag aaaagcatta cccattttgc ggccaagttc ccgacgagag gctggacctc 1680
ttcatcacat tgacttacgc cgttgctttt ccagactggg caaaggggct gacttcgcag 1740
tgtgtgccaa aaagccggtg tttgataatc ccattttcct gcttatcacc tgaactgtgt 1800
cagtatcact tttagttttg ttgggttggt ggtttgttgt ttgtttaata tgccctgttt 1860
tctacttctg ttggaaaata tttgggggtg aaataaaacca gtgggagcat gggagccagt 1920
ttggtggttg gcaaactacc agtgatagaa aacaaatgac aggttttctg tgagcgtacg 1980
tcacagtggc tcgggcccac aaggagacag aggggtacgt ttcaggacat cattccaagg 2040
gtttctgttc acgtttgttt aacgaggaag ggggaagttgt tctcccataa taccagtgg 2100
atttctagtg caaccgggtg gtttttctac gcctcttccc atgctgcttc cccaccccc 2160
cactgtgctc cgcccttcc aaatgccatg tcacaacagc acttgatgt gtttttctca 2220
actgtcatca gctccagctg gcaggaccaa cttcttga 2258

```

```

<210> 7925
<211> 1803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1804)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (1186)...(703)
 <223> similar to gi847722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7925

tttttttttt	ttgccacagg	ttggacaggt	ttttattgga	gagtcaggag	ttgctttcct	60
tccctcgtec	ctgcctcccc	cactcaaaga	accccactcc	agtggggcct	gtccttcate	120
tggccctagg	aatccccatc	cccagctaca	caggcactca	gggagagcgc	acatgctgtg	180
tgggcagaca	gccccaggcc	aggtaggcag	tgagctccct	caaatectcc	cacccccagg	240
actcaggagg	gaggggcagg	agaggtgtgg	gcccgggtgtg	cagtcctcag	gcggtccccct	300
gagctcgtag	ccagccaggc	cttgtgcctc	caggatggat	ggtgtgatga	ggcacatgcc	360
ccgtagcctt	tcccttcctg	agggccttaa	ccaagaagta	tcttgtttag	gggctgggga	420
caggggtggg	aagatgacag	gaggacagct	gacctcttca	ccctttgagt	ggtatcccct	480
tcagaagatt	ccagccaaca	ccagaggagg	caggagcagt	agtcccagga	gagggcccca	540
cacatgacca	gggcccagat	tcagccctga	cacgacgcta	ggcttgtag	ggccctctgc	600
acccattttc	ctagagtctg	atgcttcagt	cgcccgggaag	gatggggcct	cagttaccag	660
gtaaggcaaa	tcctgagcat	cttccgggct	tccgatgggt	tcacagagg	agttcttgca	720
gtggtagcca	gagggacatt	gggagcacgg	agtccccctc	tggtaggggc	gtttccccct	780
caggttcccc	ggaggctcat	agttgcacac	cagtaattcg	atgttggtct	cctcaacacc	840
ctggagcttc	tcacagaagt	gggaaccaca	gccgatcctc	tctgtcttgg	cccataccac	900
ctgctgttag	tggccgcaca	tctggcctgg	gctgcagggt	gcggcgctga	ggttgtagtg	960
ctcacgctcg	tgggtccact	cctccatggc	cagcggcacg	tccatgccct	cgtctgtgat	1020
ggcgaacaga	ttctgcgcgc	ggcgcccgcg	ctccttggtg	tggccccaca	cgcactgccg	1080
tgcgtaggcc	ttggcgaagg	cggccagctc	ctcgtcccat	ctcatgtgca	gcatgtctga	1140
ggccgtcggg	gatacctggg	cccggtagag	ggtgtgcagc	tccaccatca	aacgtttctc	1200
ctcatctgtg	agggctccaa	cggggcctgt	ggtggccacc	agcagtagca	gtagcggcag	1260
cagaagcatc	aggaaactgc	aggagccgtg	catggtggcc	agccgtctct	ccttctcccg	1320
tccaggggtc	tggcagctgg	atttaaagtc	cttcccacac	aagcaccacc	ctggctgggg	1380
tggggtagtg	ggggccgtgt	ttgaggccca	gcccgaactc	cacaatgtct	cagggagggc	1440
tgggcgcttt	gggtcccga	cagcatcaag	tgcactcccc	ttggagtcc	tggcaaaaac	1500
ctcctttctc	ttggtaacgg	gggctcaggc	caaaagctgt	gtgagttcct	aagttgtgga	1560
cagatccatt	agggaaatac	agtgaatac	cacttcacac	tcattaggat	ggctggcctg	1620
ggaagtgtct	gactcaggaa	tgcaaggaca	cagttctcag	atgccccccg	ggtggaacca	1680
ggcactggca	ctacagaatg	ccctggtgtg	gtcatctctg	tggcctctgc	caccagtcct	1740
gcccctncnn	nggnnnnttc	nagtatcnat	taganaccct	ggagnnngaa	gcctggcaac	1800
tct						1803

<210> 7926
 <211> 980
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (512)...(667)
 <223> similar to gi4490946 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7926
tttttagtact gtttttaggta ttgggggatat accaaggaat aaaacaagat tcctggaggg 60
agaggggaac ggacagcaaa caatagacac aatacgatcg tgaggtatat agttaatgtt 120
ggtgatgagt gctcctcaaa ggaaacaact aaaaccagac aaggggaagtc ggggtgtcag 180
ggagaatggt ttgtagtatt gatgacaatg gttaaggaag gcctgagttc tgcaaagacc 240
tcaaggatat gagggactag agtgccctct gctgtggaag agcctgcgca aagatcctga 300
ggtgggaggg gtcagggagc caactcattt tacggtaagt ggaggtggga tccaggggag 360
gattctgagc agaggagggg cgtggcccaa ttggggcttt gaaaggatcc tgcttgtctg 420
tgtgccagca tcctgggtgg gtgtggggga gtctgcatca atcctgggtg ctgttacctg 480
aaaaaatagc aggtgttaga cgaaagaaca gatgtctggc ccattgtctc cagtctgttc 540
ctgtccacag cttcccttta tgctgagccc ctgccacatg catcatcatc ctggccatgt 600
ggcattgtca cagaccgtct ctctgctag cctcctaact cagggcctgg gtcttcccca 660
gcattaagta aatcagtctc aggcagacag ccctttatag gtgtttgggc caggtgcggt 720
ggctcacgcc tgtaatccca gctctttgtg gggccgaggt ctttgagctc aggagttcaa 780
gaccagcctg ggcagcatga caaaaccctg tctctaccaa aaatacaaaa attagccacg 840
catggtggca cacacctgtg gtcccagcta ctcgggaggc tgaggtggga ggatcgctgg 900
agcctgggaa gttgaggctg cagtgagccg tgatcatgcc actgcattcc agcctgtgtg 960
atggagagag accctgtctc 980

```

```

<210> 7927
<211> 479
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(331)
<223> similar to gi32575 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7927
ccggaattcc cgggcggagc cgtgggggct gacatgagag aatcgcttga gcccaggagt 60
tcgtggctgc agtgagctat gattgtgcca ctgcactcca gtctggggga cagaatgaaa 120
ctgtctcaaa aagagtaaata gagacccgga gagttggagc agtgccccct agtacacaga 180
aaagacaggg ctttgacacc ccctatctct ggtgttcttg gccctcaaca caggaaaaga 240
aaaaagccat ccaggaggag gaggagagag accaggcctt gcaggccaag gcgagcctga 300
ccatcccgtc ggtgcccagc acggaagatg accgcaagct ggcggctctg ctgaagttcc 360
acaccctgga ctctacgag gacaagcaga aacttaagcg gaccgagatc atcagcccgt 420
tctgggttcc cttttgcccc ggaatccgcc tccaacagca aggtcagcgg cggcctgag 479

```

```

<210> 7928
<211> 2002

```


<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (799)...(1700)
 <223> similar to gi757754 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7928

agagacttgc	caagccccac	gaaagcaaat	actgaataaa	tgcctcagct	taacttttga	60
atggctgac	ctactcaa	gggaggcctg	agtatgctgc	tgtagctgg	agaacatgct	120
cttgccacac	cagaggtatt	ctctggcaca	tgcaggcctg	atgtttcaga	atctcctgaa	180
ttacgtcaga	agtcaccatt	gtttcagttt	gccgagatat	cttcaagtac	gtccactct	240
gatgcttcta	caaagcagtg	tcaaacatct	gccttgtttc	agtttgcaga	gatttcttca	300
aacacttcgc	agttgggtgg	tgctgagcct	gtaaaacgct	gtggaaagtc	tgcactcttt	360
caactggcag	agatgtgcct	ggcatcagaa	gggatgaaaa	tggaagaatc	aaagctaata	420
aaagcaaaa	aatccgatgg	tggaagaatt	aaagaattag	agaagggaaa	ggaagaaaaa	480
gaaattaaaa	tggagaaaa	agatgaaact	aggttacaga	aggaagcaga	atttgaaaaa	540
tcggctaagg	aaaattttaag	agattctaag	gaattgagaa	atgttgaggc	attgcaaata	600
gatgacataa	tggctataaa	aatggaagat	cccaaagaaa	ttagaaagga	agagttagaa	660
gaagatcaca	aatgtagtca	ttttcctgat	ttttcttatt	ctgccagtag	caagataata	720
attagtgatg	ttcccagtag	aaaggatcat	atgtgccatc	ctcatggaat	tatgatcatt	780
gaggatcccg	cagcattaaa	caagccagaa	aagctaaaaa	agaaaaagaa	gaaaagcaaa	840
atggatcgac	atggaaatga	taaatccaca	ccaagaaga	cttgcaaaaa	gaggcagtct	900
tcggaatctg	acattgagag	cgctcatatat	accattgaag	ccgtcgcaaa	aggagactgg	960
ggcatagaga	aacttgagag	taccctcgc	aagaaggctc	gcacatcctc	aagtggcaag	1020
ggaagcattt	tggatgccaa	gccaccaaag	aaaaaagtga	aatcaagaga	gaagaaaatg	1080
tcaaaggaga	aatcctcaga	caccaccaa	gagtcaagac	ctccagattt	cattagtatt	1140
tctgctagca	agaacatttc	tggtagagaca	ccagagggtg	taaaagcaga	accattgacc	1200
cctatggaag	atgcactacc	accagccta	tcaggacagg	ccaagcctga	ggacagtgc	1260
tgtcacagaa	aaatagaaac	ttgtggttcc	aggaaatccg	agaggtcttg	caaaggtgct	1320
ctttataaaa	ccctggtgtc	tgagggcatg	ctcacctctc	tgcgagctaa	tgtagacaga	1380
ggaaaacgaa	gctcaggaaa	aggaaaactc	tctgatcatg	aagggtgttg	gaatgaagaa	1440
agctggacat	ttagtccagag	tgggaccagt	gggagcaaga	agttcaagaa	gacaaagcca	1500
aaagaagact	gtctccttgg	ctccgcaaag	ctggatgaag	aatttgaaaa	aaaattcaac	1560
agcctccctc	aatatagtcc	tgttacattt	gaccggaaat	gtgtacctgt	cccaagaaaa	1620
aagaagaaga	ctggaaatgt	gtcctcagaa	ccgactaaaa	ccagcaaagg	aagtggggat	1680
aaatgggtcaa	acaagcaact	cttcttggat	gccattcacc	ctacagaagc	catattttca	1740
gaagacagaa	acaccatgga	gcctgttcat	aagggttaaa	atatcccatc	cattttcaac	1800
actccagagc	caacaacaac	ggcaagaacc	tttggggggc	agccaaaaga	gaaaagcaag	1860
gaaaacccag	attactcacc	ttgtcaagac	acgcagaggg	ccgggtatca	ccatgaggag	1920
gtacttttga	tgacaaacct	tatgaacaac	tgcggaggag	tctacctaaa	gcaactgaga	1980
catactgcga	tgacgaatgc	tc				2002

<210> 7929
 <211> 2327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1955)...(657)
 <223> similar to gi4884150 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7929

ttttttccaa	acggataaaa	ttgggacccc	ccgggttttt	ccccccccc	ccttttaaaa	60
ccccggcccc	ggaatttaat	tttggggccc	cataaaaaaa	gtttttcctt	gccagcccc	120
ggtagttaaa	cttggttctt	ttaaaccgggc	ccccctttt	tttttttttg	atttttaaatt	180
tcttctttat	taaaaaaaaa	aggcggtttt	ctgggttttt	taaaacttct	ccaatacatt	240
aaaacttttt	ttctcgccac	atagcacttc	tttcttgcc	ctttcatttc	tgctcctggt	300
gttgccctgcc	tcctgcaaga	cccagatgaa	gaaacctttt	caatggtcga	gatctgagac	360
ttggagctgg	aggggctgaa	ggcttgaagg	aagggtggtt	ctggtcaaaa	ggagaagtgc	420
atttgcacaa	aaatataaac	tggggaggat	gagaccagca	catacacgta	tggattgatc	480
tacaatccat	ataaaaaaat	agacccaaat	tgtcatttta	catttgcaat	attatacaaa	540
ataatatata	tttttaaaaa	acacataccc	acctacacac	acgtgcgcgc	acacacatac	600
acacaagggtg	ctagtgaacc	ctctgtgctt	ctgcttgtgg	ggacaagggg	gtcagtaggc	660
aaagatgaca	tggtaagtga	cctggtggcc	attgtcccag	gcatagagca	ggcggtcctt	720
ggggtttag	tctatctggg	tcgtataaaa	atactcattc	tcgaacagca	gcctgggggac	780
gatctgtgtg	ttggtgtggg	tgtcgaaagc	gtaggagatg	ttggcattcc	gctggttcta	840
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<210> 7930
 <211> 1294
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1251)...(371)

<223> similar to gi3880433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7930

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caccatgtgc	gtggtgacag	tggctccagc	cggcagcgcc	tcgtagtccg	ggccggagtc	1260
cggatcttgt	cgtaccgggg	gcctgcaggc	cccg			1294

<210> 7931

<211> 1783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (328)...(713)

<223> similar to gi5912072 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7931

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cctgagggta	tggggtctgc	aggctgacta	tgtgttcgtt	ttccaggtga	ctttgacact	360
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gaccagccct	caccttgccc	acagctgctg	gacagccaga	gccatcacct	gtagcactgg	720
ttgccagtgc	tgtgtgtata	gcagtcactc	tccacccttc	cctttttgcc	ttgccagct	780
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<210> 7932
<211> 5773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5557)...(2739)
<223> similar to gi5689399 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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caagatacta	gcaccttatg	aatatttaat	attaaagtgt	ggtattctta	aatttttaat	180
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<210> 7933

<211> 3617

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (55) \dots (1779)$

<223> similar to gi23897 in the genepept database release 114.

Run with FASTXY 3.3t00, default parameters

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<210> 7934
 <211> 1826
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1637)...(780)
 <223> similar to gi4972734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7934

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<210> 7935
 <211> 1394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (58)...(1254)
 <223> similar to gi344242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7935

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ggaaaattac	atcctggaag	ccctgaagtg	actatgaaca	ttagtcagat	gattacttat	180
tggggatacc	caaatgaaga	atatgaagtt	gtgactgaag	atgggtatat	tcttgaagtc	240
aatagaattc	cttatgggaa	gaaaaattca	gggaatacag	gccagagacc	tgttggtgtt	300
ttgcagcatg	gtttgcttgc	atcagccaca	aactggattt	ccaacctgcc	gaacaacagc	360
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ttttccacca	atcccagcct	ggctaaaaga	atcaaaacct	tctatgctct	agctcctggt	660
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atttaaagaa	ttatccggtt	gtttttccaa	aatactttat	tctctcatac	atagtatttt	1320
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<210> 7936
 <211> 4518
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (183)...(3306)
 <223> similar to gi36675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7936

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ccaccaaggc	acaggatgcc	gggggtctacc	agtgcctggc	ctccaaccca	gtgggcaccg	540
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<210> 7937
<211> 1509
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (327)...(492)
<223> similar to gi4469350 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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ccaagtgtccc	acccccaggg	accacacatt	cagatgcggg	gagccccact	ggggcacccg	1080
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<210> 7938
 <211> 1084
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (133)...(902)
 <223> similar to gi2253585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7938						
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ctaagagcaa	agatgtttca	aactgggggc	ctcattgtct	tctacgggct	gttagcccag	180
accatggccc	agtttgagg	cctgcccgtg	cccctggacc	agaccctgcc	cttgaatgtg	240
aatccagccc	tgcccttgag	ttccacaggt	cttgacaggaa	gcttgacaaa	tgccctcagc	300
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tcagtgatcc	ctggcctgaa	caacatcatt	gacataaagg	tactgacctc	ccagctgctg	480
gaacttgccc	ttgtgcagag	ccctgatggc	caccgtctct	atgtcaccat	ccctctcggc	540
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caaa						1084

<210> 7939
 <211> 3710
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (3544)...(3446)
 <223> similar to gi2224518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7939

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tcagaaaaca	ggttattatt	tttttaaata	acttaacact	gaacagataa	gacctcttaa	180
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taagagttgg	ccagcagtta	agaactaaac	caattaaaaa	taaaaataga	aactttgttt	600
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aggaagcacc	ataaacgctg	cttgctgcag	gttcatctac	tcgcagattc	agacctagga	2880
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<210> 7940
<211> 1959
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1266)
<223> similar to gi306714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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cgtccccgga ggagatcaag aaggcctatc ggaagctggc gctcaagtac cccccggaca 180
agaacccgga tgagggcgag aagtttaaac tcatatocca ggcatatgaa gtgctttcag 240
atccaaagaa aagggtatgt tatgaccaag gcggagagca ggcaattaaa gaaggaggct 300
caggcagccc cagcttctct tccccatgg acatctttga catgttcttt ggtggtggtg 360
gacggatggc tagagagaga agaggcaaga atgttgtaca ccagttatct gtaactcttg 420
aagatttata taatggagtc acgaagaaat tggccctcca gaaaaatgta atttgtgaga 480
aatgtgaagg tgttggtggg aagaagggat cgggtggaga gtgcccgtgt tgcaaggggc 540
gggggatgca catccacatc cagcagatcg ggccgggcat ggtacagcag atccagaccg 600
tgtgcatcga gtgcaagggc cagggtgagc gcatcaaccc caaggaccgc tgcgagagct 660
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tgaaagatgg gcaaaagata ctatttcatg gagaaggaga tcaggagcct gagctggagc 780
ctggtgatgt cataattgtg cttgatcaga aggatcatag tgtctttcag agacgaggcc 840
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cgataaaaac attggacaat cgaattcttg ttattacatc caaagcaggt gaggtgataa 960
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gcacaatgaa aatgacatcg ctttaattggc cttgtgtttg ggatgtcctg tgtatgtgtt 1380
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<210> 7941
 <211> 4423
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (264)...(1996)
 <223> similar to gi939885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7941	
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tgatcttctt	tcgaggcatt atggaaagtc ccatagtaag atccctggcc aaggtgataa 420
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ccgagctggc	ccacatcctc caggagcccc acttccagtc ctcctggag acgcacgact 660
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aacatctggg	tgtaacgttc cgcgtggagg gcggcgagct ggtgatcgcg cgcattctgc 840
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<210> 7942

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (56)...(413)
 <223> similar to gi3805814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7942

tttcggagcc	tctggacttt	gaagcattca	aacagcatcg	gccataacaa	cagaaatggc	60
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ggcagatgcc	agaaagagga	aggcccggcg	actgaagcag	gcaaaggagg	aggcacagat	180
ggaggtggag	caataccgca	gagagcgaga	gcacgaattc	cagagcaagc	agcaggcggc	240
catgggctcc	caggggaacc	tgtctgctga	ggtggagcag	gctacaaggc	gccagggtgca	300
gggcatgcag	agctcccagc	agagaaaccg	agagcgtgtc	ctggcccagc	ttcttggcat	360
ggtctgcgac	gtcaggcccc	aggtccaccc	caactaccgg	atctctgcct	agggccaccg	420
tagggcctga	ctccttctgc	cagttccctc	cctcaaagaa	atcctccaat	caaaatcacc	480
tcccaccata	atccctgtct	tctttccatc	ccctagaaat	cctgggaggc	aggatccaat	540
aattttcctg	tgacacttat	aaatatcctg	ctcacatctg	aatctccttg	ttgttcttta	600
accctcactg	ggactttgta	aacttccaag	tcattctcac	ctaaaccctc	tgtgaaatth	660
gtaatatggg	gaagtaggaa	tgtggaaaac	atcctgactt	cagtgtctgg	ccgatgtggg	720
tccctctctt	gaccctgtca	cttgctgggt	gtgaaaccag	gacaagctac	ttaacttggg	780
agcctcgat	gtcctcct					798

<210> 7943

<211> 2387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (370)...(1101)

<223> similar to gi3628745 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7943

tttcgtcaag	aggaggatta	gcttccactc	cgatttcaat	gatccagttt	accactcta	60
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acttccgatc	ccattcttct	ctcggtggga	atgcttgttg	ggggaaaaag	aaacgcaata	180
gataaagcgg	ggcgcatgcg	ctcccggcac	aggettcgat	tgtgaggaag	gccggctagt	240
ctccgagctc	atcccgctt	gcgcatgctg	agaaggtaaa	ccagcgcccc	gagttgaggc	300
gcgggttttg	tggcgcgctt	cagcgaagtc	gcacgtgaag	gatagcagtg	gcctgagaaa	360
gaccagtc	tggcagcctc	cagcatcagt	tcacatggg	gaaagcatgt	gttcaaagcc	420
attctgatgg	tcctagtggc	ccttctctc	ctccactcag	cattggcccc	gtcccgctga	480
gactttgcac	caccaggcca	acagaagaga	gaagccccag	ttgatgtctt	gaccagata	540
ggtcgatctg	tgcgagggac	actggatgcc	tggattgggc	cagagaccat	gcacctgggtg	600
tcagagtctt	cgtcccaggt	gttgtgggct	atctcatcag	ccatttctgt	ggccttcttt	660
gctctgtctg	ggatcgccgc	acagctgctg	aatgccttgg	gactagctgg	tgattacctc	720
gcccagggcc	tgaagctcag	ccctggccag	gtccagacct	tcctgctgtg	gggagcaggg	780
gccctggctg	tctactggct	gctgtctctg	ctcctcggct	tggtcttggc	cttgcctggg	840

cggatcctgt	ggggcctgaa	gcttgtcacc	ttcctggccg	gcttcgtggc	cctgatgagg	900
tcggtgccc	acccttcac	cggggccctg	ctactcctgg	ccttgctgat	cctctacgcc	960
ctgctgagcc	ggctcactgg	ctcccagacc	tctggggccc	aactcgaggc	caaggtgcga	1020
gggctggaac	gccaggtgga	ggagctgcgc	tggcgccaga	ggcgagcggc	caagggggcc	1080
cgcagtgtgg	aggaggagt	agccggatgc	cccacacacc	gccagtgtca	taccaaagag	1140
ctgagctgct	tgggggccat	gcagccctcc	tgccagcccc	ctgccctttt	cttgccctgt	1200
ctctgaacct	tcagaacatt	gaccccttgc	gcagcccccac	tagccaagag	aaacagagaa	1260
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gctctcttaa	cccttctct	gtccccagcc	tgccctacca	gggaagggtg	gaggggcctc	1380
cctctggcct	ctgcatctgc	gccagcaaac	atcactgcgc	ttggtctctc	atgacttaac	1440
tggcttccct	ctgctgctgc	cttggccttc	tcctaattgt	cgtgctctcc	tgtccttctg	1500
aagttgctcc	ttggccaaat	ctccagctcc	cttcttgttt	tcctcatcct	cctaccctgt	1560
actcccacca	aaccatggtc	ctttaaggca	cgtcctgtgc	ctcctcattg	cccagcagta	1620
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aaaagatggc	tgctgctttg	taggcatgtg	cctgcaagt	ggaccttgct	gggcattata	1920
tgccctgtgg	gggtttcaga	gaccctgaaa	gaggaggagg	gacccgcctc	cttgtctgca	1980
caactgcatg	cacttctctc	cccatcgctc	cacaacctga	aaccgagaag	gagttgctga	2040
ccagtgccca	ccccggcagc	cggggaggaa	cacaggcagc	tcctttccct	tcacgtggtc	2100
tcagagagc	agggtgagct	gccagctgcc	ccctccacc	agggtaccct	gtccttggtg	2160
ttaggggcca	cttttcttt	gaggctctag	tggagtgga	tgctctctc	tgccaggctt	2220
ggcacatgat	gtgaagaata	aatgcccaat	tcttactgtt	caggtttgat	gtggaatcac	2280
agctgcagt	atatatat	tttatcagt	cttggttggt	tttaaataaa	gtgcacgcta	2340
ttttattatc	ttgttctgaa	taaaatgtat	ttactccaaa	aaaaaaa		2387

```
<210> 7944
<211> 3015
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(1576)
<223> similar to gil657458 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	7944					
tgcacgcccgg	tcgcgcgcag	catggccacc	accgccacct	gcacccgttt	caccgacgac	60
taccagctct	tcgaggagct	tggcaagggt	gctttctctg	tggtccgcag	gtgtgtgaag	120
aaaacctcca	cgcaggagta	cgcagcaaaa	atcatcaata	ccaagaagtt	gtctgcccg	180
gatcaccaga	aactagaacg	tgaggctcgg	atatgtcgac	ttctgaaaca	tccaaacatc	240
gtgcgcctcc	atgacagtat	ttctgaagaa	gggtttcact	acctcgtggt	tgaccttggt	300
accggcgggg	agctgtttga	agacattgtg	gccagagagt	actacagtga	agcagatgcc	360
agccactgta	tacatcatat	tctggagagt	gttaaccaca	tccaccagca	tgacatcgtc	420
cacagggacc	tgaagcctga	gaacctgcgt	ctggcgagta	aatgcaaggg	tgccgccgctc	480
aagctggctg	attttggcct	agccatcgta	gtacagggag	agcagcaggc	ttggtttggt	540
tttgtgtgca	ccccaggtta	cttgtccctt	gaggtcttga	ggaaagatcc	ctatggaaaa	600
cctgtggata	tctgggcctg	cggggtcata	ctgtatatcc	tccctggtgg	ctatcctccc	660

ttctgggatg	aggatcagca	caagctgtat	cagcagatca	aggctggagc	ctatgatttc	720
ccatcaccag	aatgggacac	ggtaactcct	gaagccaaga	acttgatcaa	ccagatgctg	780
accataaacc	cagcaaagcg	catcacggct	gaccaggctc	tcaagcacc	gtgggtctgt	840
caacgatcca	cgggtggcatc	catgatgcat	cgtcaggaga	ctgtggagt	tttgcgcaag	900
ttcaatgccc	ggagaaaact	gaagggtgcc	atcctcacga	ccatgcttgt	ctccaggaa	960
ttctcagctg	ccaaaagcct	attgaacaag	aagtcggatg	gcggtgtcaa	gccacagagc	1020
aacaacaaaa	acagtctcgt	aagcccagcc	caagagcccg	cgcccttgca	gacggccatg	1080
gagccacaaa	ccactgtggt	acacaacgct	acagatggga	tcaagggctc	cacagagagc	1140
tgcaacacca	ccacagaaga	tgaggacctc	aaagtgcgaa	aacaggagat	cattaagatt	1200
acagaacagc	tgattgaagc	catcaacaat	ggggactttg	aggcctacac	gaagatttgt	1260
gatccaggcc	tcacttcctt	tgagcctgag	gcccttggtg	acctcgtgga	ggggatggat	1320
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gccgcaccgc	tcagtgagc	tcagccacag	gggctttagg	agattccagc	cggagggtcca	1620
accttcgcag	ccagtggctc	tggagggcct	gagtgcacgc	ggcagtcctg	tttgtttgag	1680
gtttaaaaca	attcaattac	aaaagcggca	gcagccaatg	cacgcccctg	catgcagccc	1740
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aaaaaaaaaga	aaaaaagatt	gtttaaaaaa	aaaaggaatc	cataccatga	tgcgttttaa	1860
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gacttagggg	gaccaggcaa	gaactctgac	agagctttgg	gggccgtgat	gtgattgcag	2040
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cgcttagaat	ggggctgatg	agaacatcgt	gaccatcaga	cctacttggg	agagaacgca	2160
gagctcccag	cctgctgtgg	aggcagctga	gaagtgggtg	cctcaggact	gagagcccgg	2220
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cgtttctatg	cattcaggct	gcctttgggg	ctgcctccct	tcttattctt	ccttgctgca	2700
cgtccatctc	ttttcctgtc	tttgagattg	acctgactgc	tctggcaaga	agaagagggtg	2760
tccttacaga	ggcctcttta	ctgaccaact	gaagtataga	cttactgctg	gacaatctgc	2820
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cttcattgtc	cctctctgtg	ctcaaggagt	tccattccag	gaggaagaga	tctataccct	2940
aaggcagata	ggcaaagaag	ataatggagg	agcaattggt	catggccttg	gtttccctca	3000
aaacaacgct	gcaga					3015

<210> 7945

<211> 1379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(518)

<223> similar to gi5817177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7945

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gccagaaccg	caccatcaag	ctgctcaccg	gtcctccta	caagggttgag	gtgaagatta	180
aaccagcac	gctgcaggtc	gagaatattt	ccattgggtg	tgtgcttgtc	ccactggaac	240
tgaagtctaa	agagcctgat	ggggacagag	ttgtttatac	gggtacatat	gacacagaag	300
gtgtgacccc	aacgaagagt	ggagaacggc	aacccatcca	gatcaccatg	ccgttcacag	360
acattgggac	cttcgagaca	gtgtggcaag	tcaagttcta	caattaccac	aagcgggatc	420
actgccagtg	gggaagcccc	ttctctgtca	ttgagtatga	atgcaagccc	aacgagacac	480
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gccacaccat	tgtctgtccc	catctggtac	taatgacct	ctagccctgg	ttattttgaa	660
agtgtaatct	ccctctgaca	caatatccct	cacatacaag	atgggtgatgt	accactcccg	720
agaatattcc	catctgtatt	ttgtgctgat	gttcctgcat	ccagttgttc	tcggtcatac	780
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aatgttaaat	ttaaaaataa	caatgtgtat	gggtcctccc	atgtgtaata	tggtaacatg	960
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ccattgttaa	agtgcagga	gttgtaggg	tacccctttg	acaagcttcc	atagtcttca	1260
gacacgcaca	ttgatggcat	ccctacagtc	ttcttcactt	gaactttgta	aaactgcata	1320
tggacctgta	atcaactttt	gatattttct	aataaaggcg	ttgaaaatca	aaaaaaaa	1379

<210> 7946

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (309)...(1371)

<223> similar to gi402478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7946

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acctcccacg	tgggggacag	aaaggtcctc	tcattgggtg	cacctgcaga	gatagacaag	180
gagcgcttg	ccatcagagg	acgctcctga	cagtgcacac	gtgaccacta	taaaagtcag	240
gcgggctgag	gaggagacaa	aggccaggac	gctccgcagc	tgttggggaa	gaggagctgc	300
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gctacagaaa	tgtctgcaag	gagaacagca	ctgtaggcat	gaagatccag	gaggagctgc	420
aacgttccgg	gggcctggac	cacctcgtac	tctcgccagg	agaatggccc	gtgagtgcac	480
acaccatcat	gcacatcgca	accgccgagg	ccctcaccac	agactactgg	tgcttgatg	540
atctgtaccg	ggagatgggt	agatgctatg	tggaaatcgt	tgagaagctt	ccagaacgcc	600
ggccagaccc	agctaccatt	gaaggctgtg	ctcagctaaa	gccaataaac	taccttctcg	660

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cctggcacac accgttcaat gaaaaaggct cagggttttg agcggccacc aaggccatgt 720
gcacgcgcct gcggtactgg aagcctgagc ggctggagac cctcatcgag gtcagcgtgg 780
agtgcggccg gatgaccac aaccatcca caggcttctt gggctccctg tgcacggccc 840
tggtttgtgtc gttcgccgca caaggaaagc ccctggtcca gtgggggaga gacatgctgc 900
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atcgggctcg ctgacgagga agcgtgtcc ctgtgatgag gttctctctc aaagagtctt 2160
ggaaaagagg ccccttgctc ttgtttaaaa taaatttgga cgtgattttt ccatgcagca 2220
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<210> 7947
<211> 1414
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (35)...(1414)
<223> similar to gi5106988 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7947
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gattgctgtg gaattcctga gacgcggcgc aaacccaaaa atctacgaag gcgcccag 180
aaaactcaat gtgagtagtg aactgtcca gcatggtgtg gaaggattaa cgtatctcct 240
cactgagagc tcaaagctca tgatttctga actggatttc caagactctg ttttgttct 300
gggattctct gaagaattaa acaaattggt gcttcagctt tatctggaca acagaaaaga 360
gatcagaacg attctgagtg aattgggcac caagccttcc cagttatcat aaccttgaat 420
ggcgactaga tgtacagctt gcaagtagaa gtctcaggca acagattaaa ccagcagtga 480
ctataaagct acaccttaat caaatggag atcacaacac caaagtctct cagacagacc 540
cagccaccct gctccatttg gttcaacaac tggacaagc attggaagag atgaagacaa 600

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atcactgtag	gagagttggt	cgcaacatca	agtagtacca	gttttaaggt	tttaattcat	660
ttgaatcact	tatgaattga	tgatatacag	caattacttt	tcaaaattaa	ttttttatta	720
attcatgatg	ataaatacat	agtattcctc	agtatctatt	ccaagatact	gaggtcataa	780
tcagaagcta	agctgggtgc	agtggctcat	gccagttatc	ccagcacttt	gggaggccga	840
ggtgggcaaa	tcatgagggtc	aggagattga	gaccttcctg	gctaacatgg	tgaaacccca	900
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gctactcagg	aggctgaggc	aggagaatcg	cttgaacctg	ggaggtggag	gttgcaagtga	1020
gctgagattg	tgccactgca	ctccagcctg	ggtgacagag	tgagactcca	tctcaaaaat	1080
aataataata	ataataaagt	aaaaataaaa	ataaaaaagt	aatcagaagc	taaagtaaag	1140
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ataaatagga	ttgaatcaac	tagaaatgaa	tctatatgtt	ctgtatatat	gaatgactat	1320
cttggttttg	ctacttcctt	tgactgctta	attttattat	tttcatcttt	attgatcaaa	1380
tttcccaata	aaattcacia	tgtaatacta	aaaa			1414

<210> 7948

<211> 2629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (73)...(791)

<223> similar to gil469177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7948

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ggtcaggaca	caatgtttgc	acgaggactg	aagaggaaat	gtgttggcca	cgagggaagac	120
gtggagggag	ccctggccgg	cttgaagaca	gtgtcctcat	acagcctgca	gcggcagtcg	180
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tttttaaggt	ttaaataagg	gttttttgtt	ttgttttgtt	ttttgcagtg	agcatcacta	1380

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cagtctcagt caacagtgtg aatgtatcat gttttacttt aaatgtgtgt gtgatacttc 1440
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atcttcctag acctaagagt aaattatgga ggattttatt tatgtctatt tataatgtaaa 1560
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```

<210> 7949

<211> 2526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(1001)

<223> similar to gi5114057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7949

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ctccggtctc accatcctgt cccagccgct catgtacgtg aaagtgtca tccaggtggg 180
atatgagcct cttcctccaa caataggacg aaatatTTTT gggcggcaag tgtgtcagct 240
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agaagtctca tcttcctttg accacgttat caaggagaca actcgagaga tgatcgctcg 480
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gttcattggc agagaatcca agtactgtgg actttgtgat tccataataa ccatctatcg 600
ggaagagggc attctaggat ttttcgcggg tcttgttcct cgccttctag gtgacatcct 660
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```

tggaagact	tattgtgtg	acctgaaaat	gttaatttga	agatgtggg	cagggacagt	1020
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gtggcgcgct	tttttaataa	tcatttaatc	ttgggaaaat	tcaggtgttt	ggtgtctgcc	1140
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tgccaaatga	gtaagcactt	aattcgctgc	ttctgagact	tctctgtcaa	aacagcccca	2280
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gctcatgagg	agctcggtct	aaaatgtctt	tgatgtctct	tcctttgtct	caaaaagtaa	2400
tgtcaatttt	atatactatt	tcaatattac	tatctgcatt	tgttttaata	taaaaatgtt	2460
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aaaaaa						2526

<210> 7950
 <211> 762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (295)...(451)
 <223> similar to gi338423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7950	
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gttctgaata	gaacatttat	tgacgaagtt
gaggctgttg	gtggcagctc	gctgctcacc
ctggggacaa	tgcggatgcc	cgccccctcg
cctgaggaaa	gcgaatctcc	ctgggggtgcc
gtccacctcc	ctccaccagg	atggcagcca
ctcctcgtcg	ggctcctcct	gtgacagtcg
ggctcccgcg	aagaatgggg	caggctccct
ctgtggcgct	cacctcccag	ggctgtggcc
tggtgtcggg	aagttgcatt	tcctgggcta
atgacccaca	cgcagaactg	
cggcgggcgc	tttaattccc	
taactgctag	ggtgcccgtg	
tggtgcccga	tgggagctct	
agcaatgcc	ggatgcctgt	
gtgagcctga	cctctaccac	
gaggagccca	gcagctccga	
catctgcccc	acagcaacaa	

caactccagc	agctggttga	acgtgaaggg	gccctctctc	ccgttcaaca	gccgggcagc	660
ggcagggcct	gcacaccaca	agctcagcta	cctgggccga	gtggtgcggg	agatcgtgga	720
gacagagcgc	atgtacgtac	aggacctgcg	cagcatcgtg	ga		762

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<210> 7951
<211> 2120
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(526)
<223> similar to gi458960 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7951						
catggctagc	ccagccgcct	cctcggtgcg	accaccgagg	cccaagaaag	agccgcagac	60
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gaaccgggac	aaagcagttc	caattccaga	gaaaatgagt	gaatgggcac	ctcgacctcc	180
cccagaattt	gtccgagatg	tcatgggttc	aagtgtcggg	gccggcagtg	gagagttcca	240
cgtgtacaga	catctgcgcc	ggagagaata	tcagcgacag	gactacatgg	atgccatggc	300
tgagaagcaa	aaattggatg	cagagtttca	gaaaagactg	gaaaagaata	aaattgctgc	360
agaggagcag	accgcaaagc	gccggaagaa	gcccagaag	ttaaaagaga	agaaattact	420
ggcaaagaag	atgaaacttg	aacagaagaa	acaagaagga	cccggtcagc	ccaaggagca	480
ggggctccagc	agctctgcgg	aggcatctgg	aacagaggag	gaggaggaag	tgcccagttt	540
caccatgggg	cgatgacaat	gtttgccaca	gcctctgcct	ggaacctggc	tcgtgctgtg	600
accagaaggg	aaaggcggct	gtttggctct	ttctcccccg	caaggacctg	ctgacctgct	660
ggatggagag	caaaggagac	ccctcccag	ccgctcacag	tcctgtatgt	ggcagggttg	720
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gttgggacat	gtggaccgtg	agtcgcaaac	actctggaga	aggctgagat	gccaccattc	960
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gggaaaggaa	accagaaaac	attttacgtt	gcttttactt	ctgtagtgtg	gattgccccg	1980
gcccctctct	gagccctgta	gcactctgtg	tagcttctgt	cccttcacgc	gttcattgtc	2040

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cagggattttt ctttcccagg aagcggacac ggagagtcag ccctaataaa tgagcacatg 2100
ccctggctgt aaaaaaaaaa 2120
```

```
<210> 7952
<211> 1350
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (411)...(900)
<223> similar to gil054752 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 7952
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gagatctaata tgggtagggc ggggtgtagac tagcctgccg agccgcccgc tggcacctgc 180
agcctcctgg gcgcccgcgc ggcggcgccg agaaagtgtg taaagggagc gaggtggttg 240
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gtctggagac gcagtttctt gttaatgaca ataaatccct gctccccctg cctcagacat 360
ctacgcagcg aaatcgagcc tggccttgag ggtccacacc gcgagggaag atgcgtgcgc 420
ccattccaga gcctaagcct ggagacctga ttgagatttt tcgccctttc tacagacact 480
gggccatcta tgttgccgat ggatatgtgg ttcatctggc ccctccaagt gaggtcgcag 540
gagctggtgc agccagtgtc atgtccgccc tgactgacaa ggccatcgtg aagaaggaat 600
tgctgtatga tgtggccggg agtgacaagt accagggtcaa caacaaacat gatgacaagt 660
actcgccgct gccctgcagc aaaatcatcc agcgggcgga ggagctggtg gggcaggagg 720
tgctctacaa gctgaccagt gagaactgcg agcactttgt gaatgagctg cgctatggag 780
tcgcccgcat tgaccagggt agagatgtca tcatcgctgc aagcgttgca ggaatgggct 840
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agtagagggc gtttctggtc gtcaggatac atgcggggcg gaaggagac agaaagacat 1260
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atggcctctg agactcagca gctggagtct 1350
```

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<210> 7953
<211> 1049
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
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<222> (110)...(748)
 <223> similar to gi897693 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7953

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cgccggaagc	ttctcggagg	agcagttctg	ggaggcctgc	gccgagctcc	agcagcccgc	180
tctggccggg	gccgactggc	agctcctagt	ggagacctcg	ggcatcagca	tctaccggct	240
gctggacaag	aagactggac	tttatgagta	taaagtcttt	ggtgttctgg	aggactgctc	300
accaactcta	ctggcagaca	tctatatgga	ctcagattac	agaaaacaat	gggaccagta	360
tgtaaagaa	ctctatgaac	aagaatgcaa	cggagagact	gtggtctact	gggaagtga	420
gtaccctttt	cccatgtcca	acagagacta	tgtctacctt	cggcagcggc	gagacctgga	480
catggaaggg	aggaagatcc	atgtgatcct	ggcccggagc	acctccatgc	ctcagcttgg	540
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tgtcttcaga	ggcctacaca	ctaccacatc	ctttctaagc	atgtttgcct	gacatccagc	960
tcactcgtct	gcttcctttc	tcgtccccc	catcctgggg	ctgggctggc	cttcttctac	1020
agttcaatat	ggggcagact	aaggaaacg				1049

<210> 7954

<211> 2536

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (115)...(1652)

<223> similar to gi3088575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7954

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ccagaactgt	cggacagcgg	ggacgaggcc	gcctgggagg	atgaggacga	tgcagatctc	180
ccccacggca	agcagcagac	cccctgcctg	ttctgtaaca	ggttattcac	atctgctgaa	240
gaaacatttt	cacactgtaa	gtctgagcat	cagtttaata	ttgacagcat	ggttcataaa	300
catggacttg	aattttatgg	atacatgaag	ctaataaatt	ttattagact	taagaatcct	360
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gtgtcagtac	ccttctcata	ccccaatgga	ctcagtga	atacatctgt	tgttgaaaaa	540
ttgaaacata	tggaagccag	ggcactgtct	gctgaagccg	cattggccag	agcacgtgag	600
gatctgcaaa	aatgaaaca	atttgctcag	gattttgtga	tgcacacaga	tgtcagaacc	660

tgctcgatcat	ctactagtgt	cattgcggac	ctccaggagg	atgaggatgg	tgtttatttc	720
agctcatatcg	ggcattatgg	gatacatgaa	gaaatgctaa	aggacaaaat	acgaacagaa	780
agctaccgag	atttcatata	ccaaaatcca	catatcttca	aagacaaggt	agttttggat	840
gttgggtgtg	gaactggaat	tctctctatg	tttgctgcta	aagctggggc	gaagaagggt	900
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atagattgcc	atacgcagtc	tatctcagat	ttggaatttt	catcagattt	taccctgaaa	1380
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aattgccaca	acagggtcgt	gttctctacg	ggccctcaga	gcacccaaaac	acactggaaa	1500
caaacagtat	ttctactgga	aaaaccattt	tcagttaaag	cagggtgaagc	cttgaaagga	1560
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agtttttaaat	gtgggggtag	agtgggtcag	caggagggag	ctgggttttat	gtgagcagat	1740
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ggaatctgac	atagttcagc	tgaggaagag	aatcagctga	tcctcatggg	ctgccacgta	1860
atcattttct	tagacgtttg	ctccaccaga	tttaaccaaa	tgtaactccc	acattgagtt	1920
tatctatatt	gaaaatcatt	tacattggcc	tatatattgga	agagagatag	tcttttggtt	1980
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atacttaggg	ttctcatttt	gtagtttctt	cctctattgt	gactattcct	tagccttata	2280
gatttctagt	actgcccagg	aaatctaatt	tcaatacatt	tatcctaggt	ttcatgaaag	2340
tttttaaaga	ttgggataaa	tatgtactta	tttactaacg	tattatcttt	ttcaaaccag	2400
atttatgtgc	aaagggttaa	catgttaact	gttactaagc	agtctataaa	gttggtcattt	2460
acaattactg	attcaatttg	aaatgtagaa	taaaatttta	ataaaatgta	tccttataaa	2520
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<210> 7955

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (123)...(779)

<223> similar to gi2338290 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7955

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acatggggag	ggttttcttc	acgggagaaa	aagccaattc	catattaaaa	cgctacccaa	180
gagctaattg	gttttttgaa	gaaataagac	agggcaacat	tgagcgtgag	tgcaaagaag	240
aattctgtac	atttgaagaa	gcaagagaag	cttttgaaaa	taatgaaaaa	actaaggagt	300

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tttggagcac ctacacaaaa gcgcaacaag gggagagtaa ccgaggaagt gactgggtttc 360
agttttacct tacctttccg ttaatctttg gcctcttcat tatcctcctt gtcattttcc 420
taatctggag atgcttccta agaaacaaaa ctgtagaca gacagtgact gaaggccaca 480
ttcctttccc tcagcacctt aatattatca cccaccccc cccaccagat gaagtgtttg 540
acagcagtgg attgtctcca ggctttcttg gatatgtagt tgggcgctca gattccgtct 600
ctactcgct gtccaattgt gatccccgc caacctatga ggaagccact ggccaagtga 660
acctgcagag gagtgaacaa gaacctcatt tagaccacc cccagagtat gaggacatag 720
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<210> 7956
 <211> 866
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (432)...(677)
 <223> similar to gil946692 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7956
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cattcctcag tacgtggcac ccttggaag tgctgtctg gtcaatcgaa gagtcctcgt 120
ttcgacaaaa aaaattcccc tcagaaatat gcatggcacg gcaatgaagg catttcacta 180
tgaagtggaa tgatgattgt ccgaccaggt caggacgaac atatgagggg ttagatctaa 240
gcaggcacta ttaaagacag tcgcatccgg gccctcctgc cgcaagctgc cctcccagcc 300
aagggtcctt caggtaggag gtctgggtg actttggaag tccgtagtgt ctcatcgag 360
ataattttta gcttagggcc tgggtggctag gtcggttctc tctttccag tcggagacct 420
ctgccgcaaa catgctccgc cagatcatcg gtcaggccaa gaagcatccg agcttgatcc 480
ccctctttgt atttattgga actggagcta ctggagcaac actgtatctc ttgcgtctgg 540
cattgttcaa tccagatgtt tggtgggaca gaaataaccc agagccctgg aacaaactgg 600
gtcccaatga tcaatacaag ttctactcag tgaatgtgga ttacagcaag ctgaagaagg 660
aacgtccaga tttctaaatg aaatgtttca ctataacgct gctttagaat gaaggtcttc 720
cagaagccac atccgcacaa ttttccactt aaccaggaaa tatttctcct ctaaatgcat 780
gaaatcatgt tggagatctc tattgtaatc tctattggag attacaatga ttaaataaat 840
aaataactga aacttgaaaa aaaaaa 866

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<210> 7957
 <211> 1552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1309)...(1080)
 <223> similar to gi4914409 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7957

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actaaggtag	atctaggtag	tgggattaaa	gatatcataa	aatcattaaa	atgttttctg	120
aatggtttga	agttaactca	ttttatttct	aggatttgga	tttcaacatt	ttaatttctt	180
tggaaatataa	gtcacttttt	gcaagctaaa	aaatagaatc	aaactaagggt	gatctagtcc	240
tctaggcatc	caggctgac	cttggaaatca	tgagcagaat	gatgacatac	tacaagggtgc	300
tagcaatacg	gctataaaact	ctaaataata	accactacat	gtttcattag	gaaacagcca	360
aaagtccggc	cgttaaagga	ataatctgca	gaacatcttg	atttacaagg	gacaaaatga	420
tgcaaattat	atgctgtcca	acctactggg	gaactggatc	agaatgggtcc	aaggactggt	480
aaacagagga	agtattttaca	ttttgaaaac	ttgctctgca	ggataaaaaa	attcctgggt	540
gctgtcagta	agaaagcaag	taaaaaaaat	attacagatg	aactcactga	tctttgattt	600
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atatttttaa	aataaactac	ttaataataa	gaaattagcc	ataccacatt	gttccatttg	720
ctacaagaac	aaattggcaa	tgaagactat	ttaaaagaaa	tgctcagctc	tacagaggggt	780
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tgggacagtt	ccactgtgac	tcttctcag	ctatgggggtg	ggtgctagtc	atcaaagtct	1080
ggaatgtcat	cataggagta	accacggtag	cctttggatg	catagtaagc	gatgcgcagg	1140
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agcggagcgc	cgcgccaggc	cgcccgacac	cccagagctc	gcccacgggt	ggcagcgccc	1500
aagggttgc	ggcatggccc	gcttaagtgc	cactcagccg	gccccaggcg	gg	1552

<210> 7958

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(416)

<223> similar to gi4884128 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7958

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gaggggaggt	ctgagcagag	ggcgggggtgc	aggcgtaatg	gccctcgtgc	cctatgagga	180
gaccacggaa	tttgggttgc	agaaattcca	caagcctctt	gcaacttttt	cctttgcaaa	240
ccacacgac	cagatccggc	aggactggag	acacctggga	gtcgcagcgg	tggtttggga	300

tgcggccatc	gttctttcca	catacctgga	gatgggagct	gtggagctca	ggggccgctc	360
tgccgtggag	ctgggtgctg	gcacggggct	ggtgggcata	gtggctgccc	tgctggcatg	420
ccgaattcgc	tatgaacggg	ataacaactt	cttagcaatg	ctggagaggc	aattttattgt	480
gagaaagggt	cactacgatc	ctgaaaaaga	tgtacatatt	tacgaagcac	agaagagaaa	540
ccagaaggag	gacttataat	tggctataat	ttataagaat	gttgtcattg	agtgtgtcac	600
ttaaggtcct	agactgcaaa	tctaaccata	tttaatgaaa	tgtcttactg	tacaaaaagt	660
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tagctgagtt	ttctaatttt	ctggatgtaa	aacaaaaggt	ttaacctata	cattccttga	1020
gctgttagtg	ctattttaaat	cttttgccct	gtttagggtcc	taaacacttt	tagttgagta	1080
ggatatgagc	ttttttgggt	ctcatatcat	gctttttgcc	ttaatttcag	g	1131

<210> 7959

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (743)...(3120)

<223> similar to gi4886439 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7959

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cccaaactaa	ctggtgtctt	ttctcctctt	ccaagatgct	cttcccgagg	gagatgctag	180
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gcaccctgaa	gagagagtgg	taacagcgcc	ccccagttcc	tcacagtcgg	cggaaagtgc	300
gggcgagctg	gtgctggatg	ggaccgcacc	ctctgcacat	cacgacatcc	cagccctgtc	360
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agaagtgtcc	ctttggctgg	accgaaagga	gagtgcggtc	cctacaacac	ccgcacccct	660
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ggccctgatg	gacaaaggtg	agaatgagct	gactgggtca	gcctcagagg	agagccagga	840
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cccagacat	ttatccaaag	gccctggggg	ccttgattta	aacccccaaa	aggcggctgt	3240
tttttggtta	aactttttta	caaagggtta	cgggtttttt	ccccggattt	tataaatttt	3300
aaaagtg						3307

<210> 7960

<211> 2637

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(1038)

<223> similar to gi4490902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7960

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atgcgcagtc	cccaggtatc	tgatgatgtt	ctgaaatgga	tagattgttt	tagagttatt	2520
ttgtgtcctt	taaaaaaatc	ccatttatgc	aatttacttg	gaatttgctt	agcctttaat	2580
aggcttgtgt	aatttctctg	tcctccagta	caataaataa	aagaaagatg	ctgatga	2637

<210> 7961

<211> 1874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (702)...(1877)

<223> similar to gi5911890 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7961
tttcgtggct gtggagtgca gtggcgcggt cttggctcac tgcagcctcc gtctcccggg 60
ttcaagtgat tctcccgcac cagcctccaa gtagctggga ctacagatgc gtgccaccgt 120
gcccggttaa tttttgtatt tttagtagag acggggggtt cactatgttg gccaggatgc 180
tctggaactc ctgacctgtg gattcaccgc cctcggcctc ccaaagtgtt gggattacag 240
gcgcgagccc ccacgctggc tggtaggggt cagttcctca agtgggattg tggatttgta 300
ggactgcatg ttgatgaaac ctttgacgcc tgggggcggg ctctttgagt ttgcacccca 360
aggaggtctg catgaaaaga accctttctc caagtcctcc cggacagagg tcgtcataaa 420
ttatttttgt tgcttaatgg gcgaggcccc tgatttgagag tcagctgact tgggccccca 480
gccaggctc gtgtttatct gctgtgagat cctggacaag ctgcttcacc ttcccagtc 540
ctgttgaggag catgagtggg aagtgtgtgt cccggagggt cttggaggga gaatgagagt 600
atggtgtttg cgaaaacttg cggaagctgg agatcacagg cgtgtcttgt cgggacgtct 660
atgcgaagct gcttcaccga tatagacaca ttttgaggatt gtggcagcca gatatcgggc 720
catacggagg actgtgaac gtggtggtgg acggcctgtt catcatcggg tggatgtacc 780
tgctcccca tgacccccac gtcgatgacc ctatgagatt caagcctctg ttcaggatcc 840
acctgatgga gaggaaggct gccacagtgg agtgcattga cggccacaaa gggccccacc 900
acggccacat ccagattgtg aagaaggatg agttctccac caagtgcac cagacggacc 960
accacaggat gtccggcggg aggcaggagg agtttcggac gtggctgagg gaggaatggg 1020
ggcgacgct ggaggacatc ttccacgagc acatgcagga gctcatcctg atgaagtcca 1080
tctacaccag tcagtacgac aactgcctga cctaccgccg catctacctg ccgcccagcc 1140
gccccgacga cctcatcaag cctggcctct tcaaaggtag ctatggcagc cacggcctgg 1200
agattgtgat gctcagcttc cagggccggc gtgccagggg caccaagatc acgggcgacc 1260
ccaacatccc cgctgggcag cagacagtgg agatcgacct gaggcacgag atccagctgc 1320
ccgacctcga gaaccagcgc aacttcaatg agctctcccg catcgtcctg gaggtgcgcg 1380
agaggggtgc cgaggagcg caggagggcg ggcacgaggg gggcgagggt cgtggccggc 1440
agggcccccg ggagtcccag ccaagccctg cccagcccag ggcagaggcg cccagcaagg 1500
gccagatgg gacacctggt gaggatggtg ggcagcctgg ggatgccgta gctgcggccg 1560
agcagcctgc ccagtgtggg caggggcagc cgttcgtgct gcccggggc gtgagctcca 1620
ggaatgagga ctacccccga acctgcagga tgtgttttta tggcacaggc ctcatcgcg 1680
gccacggctt caccagccct gaacgcaccc cgggggtctt catcctcttc gatgaggacc 1740
gcttcgggtt cgtctggctg gagctgaaat ccttcagcct gtacagccgg gtccaggcca 1800
ccttcgggaa cgcagatgcg ccgtccccac aggccttcga tgagatgctc aagaacattc 1860
agtccctcac ctcc 1874

```

```

<210> 7962
<211> 2093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (133)...(1839)
<223> similar to gi5532487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 7962
agtccgtcgc gtgctgaggg agactcagga ggtggagccg gccgggtgct cgagggaagg 60
agactggaag ctggttccgg cgtgaggaga gtctgaaaaa ggggagcgcg gagaggaggc 120

```

tggaagagga	agatgcctag	cacagacctt	ctgatgttga	aggcctttga	gccctactta	180
gagatTTTtg	aagtatactc	cacaaaagcc	aagaattatg	taaatggaca	ttgcaccaag	240
tatgagccct	ggcagcta	tgcatggagt	gtcgtgtgga	ccctgctgat	agtctgggga	300
tatgagTTtg	tcttccagcc	agagagTTta	tggTcaaggt	ttaaaaagaa	atgtTTtaag	360
ctcaccagga	agatgccc	tattggTcgt	aagattcaag	acaagTTgaa	caagaccaag	420
gatgatatta	gcaagaacat	gtcattcctg	aaagtggaca	aagagtatgt	gaaagctTTa	480
ccctcccagg	gtctgagctc	atctgctgtt	ttggagaaac	ttaaggagta	cagctctatg	540
gacgccttct	ggcaagagg	gagagcctct	ggaacagtgt	acagtgggga	ggagaagctc	600
actgagctcc	ttgtgaagg	ttatggagat	tttgcattga	gtaacccct	gcatccagat	660
atcttcccag	gactacgcaa	gatagaggca	gaaattgtga	ggatagcttg	ttccctgttc	720
aatgggggac	cagattcgtg	tggatgtgtg	acttctgggg	gaacagaaag	catactgatg	780
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tccaggaaca	ctgccatgct	cgtctgttct	acccacagct	ttcctcatgg	tgtaatagat	1020
cctgtccctg	aagtggccaa	gctggctgtc	aaatacaaaa	taccccttca	tgTcgagct	1080
tgtctgggag	gcttctcat	cgtctTTatg	gagaaagcag	gataccca	ggagcacc	1140
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gccccaaaag	gctcatcatt	ggTgtTgtat	agtgacaaga	agtacaggaa	ctatcagttc	1260
ttcgTcgata	cagattggca	gggtggcatc	tatgcttccc	caaccatcgc	aggctcacgg	1320
cctggtggca	ttagcgcagc	ctgttgggct	gccttgatgc	acttcggtga	gaacggctat	1380
gttgaagcta	ccaaacagat	catcaaaact	gctcgttccc	tcaagtCaga	actggaaaat	1440
atcaaaggca	tctttgtttt	tgggaatccc	caattgtcag	tattgtctct	gggatcccgt	1500
gattttgaca	tctaccgact	atcaaacctg	atgactgcta	aggggtggaa	cttgaaccag	1560
ttgcagttcc	caccagtat	tcatTTctgc	atcacattac	tacacgccc	gaaacgagta	1620
gctatacaat	tcctaaagga	cattcgagaa	tctgtcactc	aaatcatgaa	gaatcctaaa	1680
gcgaagacca	caggaaTggg	tgccatctat	ggcatggccc	agacaactgt	tgacaggaat	1740
atgggtgcag	aattgtcctc	agtcttcttg	gacagcttgt	acagcacoga	cactgtcacc	1800
cagggcagcc	agatgaatgg	ttctccaaaa	ccccactgaa	cttggaccct	ttctagtctc	1860
aaggggatTC	cagccttcag	aaggTtcttg	ggatatggaa	caggccgtgc	acaactTTga	1920
catctggtct	tgctccatag	agcacaaactc	aagatagacc	atgagacagc	ttgagcctca	1980
ggattcttTgt	tcttctctct	atcttctctt	tgtggTTTTt	aatttgaaga	ccccagagaa	2040
ttccattaca	taatgatTTt	gcccttgTTa	taaatgtTtac	cctaggaaaa	aaa	2093

<210> 7963

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(327)

<223> similar to gi2584789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7963

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ttcaccacgt	tctggggcct	cgtcggcatc	gccgggccct	ggTtctgtgc	gaagggaccc	180
aaccgcggag	tgatcatcac	catgctggtc	gccaccgcgc	tctgctgtta	cctcttctgg	240

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ctcatcgcca tcctggcgca gctgaacccc ctgttcgggc cccagctgaa gaatgagacc 300
atctgggtacg tgcgcttcct gtgggagtgga cccgcccggc cccagcccagg tgcccagctc 360
tcggaatgac tgtggctcca ctgtccctga caaccccttc gtccggaccc tccccacac 420
aactatgtct ggtcaccagc tccctcctgc tggcaccag agaccggac ccgcagggcc 480
tgcttggttc ctggaagtct tcccagtcct cccagccagc cggggccctg gggagccctg 540
ggcacagcag cggccgaggg gatgtcctgc tccaataccc gcaactgctc ggagtttgcc 600
ctctttccca aggagatgct gctggggagc tggtaggggt ggggtctttc ctttacaga 660
cggggcagat gccaggactc agcccaccc gaggaggaca cgtgtcctca tggagagggt 720
gctccggccc agggggggga gtcagtgcgc agtcagcagc tctgccacca tcctgctggg 780
aactgggggg gctctatttg gggttataggc aaggcctttt ctctggcatg gaattgttaa 840
ttttctgaca cgtctagatg tgaaatttct gaaaatgttg aagcagagaa acattcacac 900
acaaaaagca acatagtcac gtgggtccag atggcctcag tcctagatgt tggcaccctt 960
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tgtcttcctt ccccgaccc cagcctgtca gtccgagcac agtgaggtt tggctctgac 1080
ttgggccttt ggctgcagtg ggggtggatt tcagagcctc tcatggcagc atctaagtga 1140
ccagagctgg gatgagagag gggaaggggc aatgtgagtg gcgctatggg acggggccagc 1200
cctgctcctg agccagcccc gccctctgcc ccctggccct gggctctgtg ctagggatgg 1260
tgaagaatgg gggcggtgcca gcctggcagg agtgggaagc aacacgcagg ggtcccggac 1320
cttttcaagc cttgccctca cgcttatccg agctcccagt gtggttagca cagagctcac 1380
ccaccttgcc tggctccag ctggggcctg tcctcactgg tgctccaggg gaagaaacga 1440
cagcctcact tctgtatgga ctgctgatgt ggctgccat cctgttcagc gggcattgtc 1500
tttgagagcag caggagacta ggatgcctct cactcacatg ccagttcctg gctggccagc 1560
tgctcagggc tcaggctggg gcctccatt gacatcctcc ccctacactc cctctctgag 1620
cctccgtcgc ccctcctggt gggttaaggg gttgagtgtg acttggtgctg aaaacctggt 1680
tcatatataa taaataatgg tgatgaaaa 1709
```

<210> 7964

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (338)...(1997)

<223> similar to gi3288852 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7964

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ccgactcggc ttgaggtacc ggggccacga tttcgtggat gcagagagct cagttttttt 60
ttctaccatt taaactttta atctctgtgg ttcggctcat aaagcaggct ttcaagaggg 120
tgtcaaccgc cgagagaacc cagaggcagg gagtccgaga tggggggagg tcgtgtcgcg 180
gcgtctgaaa gggggccactg gcaactcaaaa agagtgaatg aaatgtgcag ctcagagtgt 240
catttctgaa gggaggagtc tttctcttgg agaagagtcc tcaatgagcc tggccgaggg 300
ccgggatctg tgtgaagtgg actaaggatt aagtaggatg tcaactgaga cagaacttca 360
agtagctgtg aaaaccagcg ccaagaaaaga ctccagaaaag aaaggtcagg atcgagtgga 420
agccactttg ataaagaggt ttaaagggtga aggggtccgg taaaaagcca aattgatcgg 480
gattgatgaa gtttccgcag ctcgggggaga caagttatgt caagattcca tgatgaaact 540
caagggcggt gttgctggcg ctcgttccaa aggagaacac aacagaaaaa tctttttaac 600
catctccttt ggaggaatca aaatctttga tgagaagaca gggggcccttc agcatcatca 660
tgctgttcat gaaatatcct acattgcaaa ggacattaca gatcaccggg cttttggata 720
```

tgtttgtggg	aaggaaggga	atcacagatt	tgtggccata	aaaacagccc	aggcggtga	780
acctgttatt	ctggacttga	gagatctctt	tcaactcatt	tatgaattga	agcaaagaga	840
agaattagaa	aaaaaggcac	aaaaggataa	gcagtgtgaa	caagctgtgt	accagacaat	900
attggaagag	gatgttgaag	atcctgtgta	ccagtacatt	gtgtttgagg	ctggacacga	960
gccaatccgt	gatcccga	cggaagaaaa	catttatcag	gttcccacca	gccaaaagaa	1020
ggaaggtgtt	tatgatgtgc	caaaaagtca	acctgtaagt	gctgtgaccc	aattagaact	1080
ttttggggac	atgtccacac	cccctgatat	aacctctccc	cccactcctg	caactccagg	1140
tgatgccttt	atcccatctt	catctcagac	ccttccagcg	agtgcagatg	tgtttagttc	1200
tgtacctttc	ggcactgctg	ctgtaccctc	aggttacgtt	gcaatgggcg	ctgtcctccc	1260
gtccttctgg	ggtcagcagc	ccctcgtcca	acagcagatg	gtcatgggtg	cccagccacc	1320
agtcgctcag	gtgatgccg	gggctcagcc	catcgcatgg	ggccagccgg	gtctctttcc	1380
tgccactcag	cagccctggc	caactgtggc	cgggcagttt	ccgccagccg	ccttcatgcc	1440
cacacaaact	gttatgcctt	tgccagctgc	catgttccaa	ggtcccctca	cccccttgc	1500
caccgtccca	ggcacgagtg	actccaccag	gtcaagtcca	cagaccgaca	agcccaggca	1560
gaaaatgggc	aaagaaacgt	ttaaggattt	ccagatggcc	cagcctccgc	ccgtgccctc	1620
ccgcaaacc	gaccagccct	ccctcacctg	tacctcagag	gccttctcca	gttacttcaa	1680
caaagtcggg	gtggcacagg	atacagacga	ctgtgatgac	tttgacatct	cccagttgaa	1740
tttgaccctt	gtgacttcta	ccacaccatc	gaccaactca	cctccaacc	cagcccctag	1800
acagagctct	ccatccaaat	catcagcatc	ccatgccagt	gatcctacca	cagatgacat	1860
ctttgaagag	ggctttgaaa	gtcccagcaa	aagcgaagag	caagaagctc	ctgatggatc	1920
acaggcctca	tccaacagtg	atccatttgg	tgagcccagt	ggggagccca	gtggtgataa	1980
tataagtccg	cagggccggg	agctaagatt	agcgcaggtc	tgggagccag	agcctctgta	2040
cgcgcagatc	aacagacctt	agaaatagca	tcgatgcgag	ctcgtggtgg	gtgctcaaga	2100
ctggcatgga	catcagcatc	acgacaggct	ctcttgatt	ctttcacctc	ttcccacaag	2160
aaattcatga	ttgcccaatg	gaactcgctc	agaagaggga	actaagcatt	tttggcaacc	2220
aatggcagaa	ataaatggca	gcac				2244

<210> 7965

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (699)...(398)

<223> similar to gi929657 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7965

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cacagctgtg	aggcagggct	gggccggaca	ggagctgctt	catccttcaa	cagacgctgg	120
cctgggggtga	ccagcctcgc	cctcccacaa	gaagagtcag	gccttggggg	ccgcggctgt	180
ctgagtggte	aggctggggc	tgccacccag	ggcaggctgc	tgagggtccag	ggcacctcca	240
gtcacatctg	ggaagacaat	gttgatcatc	gagaggccct	gagctctgcc	caggcagatg	300
aactggtcca	gcgtcccggg	aggcagcaac	cagctcctgc	ccagcagggt	gatcctgagg	360
acggccagcc	tgtcgtgtg	tccacacccg	gtggtccaca	gtgaactgcc	caggctgggc	420
tgccgggtatc	agcacataag	accatgtgtc	acagtgtctg	cctcgagtca	tcgcattcca	480
cacctcaaag	cggccatcat	cacttagctc	aaaagttgcg	gtgaaagcgt	tcagcagcgc	540
cctgtgctcc	ggcctgaagc	tggtgcccgc	caggcccagg	acgaaccatt	ccccctggaa	600
ctggtttcct	tggaaagctct	gcatcggggg	cgggagtggc	aggggggttg	gggtctgggc	660

ctgcaggact	ttcagcaagg	agagccacag	ccacaggcca	cacagcagcc	tcatcctggc	720
agcctccact	gctcttctc	cgttcccga	aaactcccga	cctgtcctct	gctcaccctc	780
ccctctctct	tcccactctc	cgggcaaaga	ccttttccca	gacacggtcc	tgggcgctgg	840
gacgaaa						847

<210> 7966
 <211> 1296
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (271)...(940)
 <223> similar to gil063626 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7966						
tgaggggtac	ggagactctg	ggggagggag	acggcagcgg	catggcggcc	gggtgtaaga	60
cgcccgaccc	tcctcttccc	tgtcttcgcc	gccgccgctg	ctggagtcac	tgggaccctc	120
tagtctgcgt	gtgttagttg	taatcccgc	gccctcctgt	cagccctccg	ctccgccggc	180
cctccttcc	tcgcgcgcg	cagccagccc	gagggtcggc	cggctgtgta	acactctccc	240
acccacccca	ccagcccgcg	ggccagcacc	atggaggacg	tgaagctgga	gttcccttcc	300
cttccacagt	gcaaggaaga	cgccgaggag	tggacctacc	ctatgagacg	agagatgcag	360
gaaattttac	ctggattgtt	cttaggcccc	tattcatctg	ctatgaaaag	caagctacct	420
gtactacaga	aacatggaat	aacccatata	atatgcatac	gacaaaatat	tgaagcaaac	480
tttattaaac	caaactttca	gcagttat	agatat	ttctggatat	tgcagataat	540
ccagttgaaa	atataatacg	ttttttccct	atgactaagg	aatttattga	tgggagctta	600
caaattggag	gaaaagttct	tgtgcatgga	aatgcaggga	tctccagaag	tgcagccttt	660
gttattgcat	acattatgga	aacatttgga	atgaagtaca	gagatgcttt	tgcttatgtt	720
caagaaagaa	gattttgtat	taatccta	gctggatttg	tccatcaact	tcaggaatat	780
gaagccatct	acctagcaaa	attaacaata	cagatgatgt	caccactcca	gatagaaagg	840
tcattatctg	ttcattctgg	taccacaggc	agtttgaaga	gaacacatga	agaagaggat	900
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agagtgtgaa	tttctatttg	ggaaggagaa	aatacaagag	aaaattataa	tgtaaaatgg	1020
taaaaacata	agtagttttt	ttttcaatta	catgttgctt	ccagacatac	ttctctgcaa	1080
cttggtgagc	aacattttta	gatgttggac	ttctgcaata	gatgacactg	atgggttttac	1140
tccttttttt	aaaaacacat	gcgcgcgcac	acacacatgc	tttacaagtt	ttattataaa	1200
ccaagaat	ttgacttgca	aagagggtatt	attgcaataa	tgcacttttc	atacttgaaa	1260
tttatttgta	tgatataaag	ttattacttt	aaacaa			1296

<210> 7967
 <211> 3307
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (3191)...(2506)
 <223> similar to gi607130 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7967

aggaggacaa	acagtttta	ccagaccaag	aaacaagcaa	actttaattt	ccgagtacac	60
aattatgaaa	ctatgccagt	agcgacctgc	atgtttgtct	catctcttta	gccacttaag	120
ttctcaaaac	actgccaag	ctttccttct	ctattaaact	cccttaagca	ttactcatac	180
tattattcaa	gtttaagatg	tggcaaatct	ccccaagtgt	atatggctgg	ttctcttctt	240
ataaatgaat	ccataagaca	gtgtccccta	attcatctct	atcttctcta	acctgcttga	300
ttttctaaaa	ttggaaaaaa	gtaattccgg	tatactaaaa	ccagagccca	ggtttctcaa	360
catcttcagt	taaatgactt	ttaattcccc	aatcaaggta	taacacacaa	atgttatctg	420
cgctttacag	tatagaactc	tgagtggctg	gtgtcttttg	gttagtgtaa	ccattacaca	480
gcagtatctg	cttgtcacc	cgttcttctt	tagcctcaa	aaatattcag	aatttgttat	540
gcacatggga	gatttcttac	agcagcacac	tcacttacaa	aaagaccaa	aaaattttat	600
tgctttacaa	caagccagca	acaaacacaa	ctgaatagtt	ataaacatga	cacttctaaa	660
tcctcaaatg	gaattccaag	accagagtgt	gcttctccac	tttaatagca	tttgttaaaa	720
ctgaaatcca	caacttctgg	caagtacttc	aatattctca	agcagaatca	atacttaaag	780
aggttaaaag	aaaaaactat	tatcaaacgt	attgtctgtg	ggatgatcta	atttaaaagc	840
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ttttaagaac	ctaacttcac	aaaaagagct	gtcacaagaa	aattgttcta	aaatcccaat	960
gcacagtaac	tcatgcctca	tttcaactgc	tttctctatg	atgaaaaaat	gtagtacagc	1020
tttaacttgg	cctgataaaa	gctgtgaaag	gtatgccaaa	tggccccttg	tacaaacagg	1080
aagcccaaat	tgttgatcag	gcaagaaaag	gtgacacttt	tagatacttc	atattattct	1140
ggaaagcact	ttcctttcag	tgggtgcaaa	ataactacgg	attaagtcac	cattttaatc	1200
atctcaattc	aatagcaaga	gtttcctggc	acatactctt	agtactacct	gaaaattggg	1260
gcgtgtgggg	aagaccacca	acagtattta	catgacttgc	cccaaactgt	acatttaaaa	1320
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tcacagacat	ggcgccggct	gcacaacaat	cagccagtgt	agcaagggcg	gccaaggaag	3240
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cccccca						3307

<210> 7968
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(283)
 <223> similar to gi5107163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7968						
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acttcatgga	gttatgttgg	gataaatgtg	tggagaagcc	agggaatcgc	ctagactctc	180
gcactgaaaa	ttgtctctcc	agctgtgtag	accgcttcat	tgacaccact	cttgccatca	240
ccagtcgggt	tgcccagatt	gtacagaaaag	gagggcagta	ggccatcccc	caggagaatg	300
acagaagcaa	aggacttggt	actaagcaga	tttaagggtc	agtgggggaa	ggctatcaac	360
ccattgtcag	atcagcatca	ggctgttatc	aagtctgttg	gtgctaaaaa	gtaaaagatg	420
aaatgttcaa	agagtgaat	ttattttatt	ggaattcaga	aattccaggt	tgtatgacat	480
cagttactca	ataagtgtga	attctccaac	tcttctttta	atcccatttt	agaatttaat	540
atagagatct	ctgattggca	ggaacactag	aaataaatgt	tccatggcca	gtagtgcaaa	600
tgggggattg	taggttttga	aaaaccaccc	taagccatat	taaggggggt	ggaagaacca	660
tcgaagccta	aggcatagaa	gaaaatttgg	ggttaagaaa	gatgaagaac	aaaaaacagc	720
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<210> 7969
 <211> 2861
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2694)...(784)
 <223> similar to gi3758819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<210> 7970
 <211> 2426
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (181)...(1125)
 <223> similar to gi471976 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7970

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tgagtcccg	gcgcgagccg	gcggcgggcg	cgctgcggga	gggtcggcgg	tgggaaggcg	180
atggcggatt	tagataaact	caacatcgac	agcattatcc	aacggctgct	ggaagtgaga	240
gggtccaagc	ctggttaagaa	tgtccagctt	caggagaatg	aaatcagagg	actgtgctta	300
aagtctcgtg	aaatctttct	cagtcagcct	atcctactag	aacttgaagc	accactcaaa	360
atatgtggtg	acatccatgg	acaatactat	gatttgctgc	gactttttga	gtacggtggt	420
ttcccaccag	aaagcaacta	cctgtttctt	ggggactatg	tggacagggg	aaagcagtca	480
ttggagacga	tctgcctctt	actggcctac	aaaataaaat	atcctgagaa	tttttttctt	540
ctcagaggga	accatgaatg	tgccagcatc	aacagaattd	atggatttta	tgatgaatgt	600
aaaagaagat	acaacattaa	actatggaaa	actttcacag	actgttttaa	ctgtttaccg	660
atagcagcca	tcgtggatga	gaagatattc	tgctgtcatg	gaggtttatc	accagatctt	720
caatctatgg	agcagattcg	gcgaattatg	cgaccaactg	atgtaccaga	tcaaggctct	780
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tacaattttc	atatagtcta	ttcattaagt	aatcttttta	cagttgcatc	aggcctgaac	2040
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ggtgaaaatg	aattcagact	tattaaatga	tgaacttggt	aaatcttctc	agtgtctatt	2340
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<210> 7971
 <211> 3983
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (92)...(3931)
 <223> similar to gi307181 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7971

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agcctggcgc	cccacgagcg	cggaggggcga	ctttgaactg	ggcatcagca	gcaaacaaaa	180
aaggaaaaaa	acgaagacag	tgaaaatgat	tggagtatta	acattgtttc	gatactccga	240
ttggcaggat	aaattgttta	tgctgctggg	taccatcatg	gccatagctc	acggatcagg	300
tctccccctc	atgatgatag	tatttgagag	gatgactgac	aaatttggtg	atactgcagg	360
aaacttctcc	ttccagtgga	acttttcctt	gtcgtgcta	aatccaggca	aaattctgga	420
agaagaaatg	actagatatg	catattacta	ctcaggattg	ggtgctggag	ttcttggtgc	480
tgctatatata	caagtttcat	tttggacttt	ggcagctggg	cgacagatca	ggaaaattag	540
gcagaagtgtt	tttcatgcta	ttctacgaca	ggaaatagga	tggtttgaca	tcaatgacac	600
caactgaactc	aatacgcggc	taacagatga	catctccaaa	atcagtgaag	gaattgggtga	660
caaggttgga	atgttctttc	aagcagtagc	cacgtttttt	gcaggattca	tagtgggatt	720
catcagagga	tggaaagctca	cccttgatga	aatggccatc	agccctattc	taggactctc	780
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tcaccgctg	tccaccatcc	agaatgcaga	cttaatagtg	gtgtttcaga	atgggagagt	3840
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<210> 7972
 <211> 1381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (506)...(1176)
 <223> similar to gi4186040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7972						
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cctgtcgggt	gactctataa	aaagacagga	gaagctgagg	ctcattcact	cactttgtcc	180
acttcattcc	caagagaagt	gtcgggggga	cctgccaggc	ttaggggaag	ctctgagctg	240
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tgcacatgct	catctacagc	tttcttgga	gaagaaagaa	acaaaaactg	agatttagaa	360
caccaggtct	gtttccactg	gcggccactc	ttgggcactg	gagaccagca	agagctttgt	420
ttttaaaagg	ctcttccatg	gcagatatcc	gcagaggcat	cagggtctaca	cttaaatgaa	480

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gggctccggc tggcacctga ggagcggcat ggtgggcacg ttgatcacca ccatcctgcc 540
gcactggcgg aggacagcgc acgtgggcac caacatcctc acggccgtgt cctacctgaa 600
agggctcttg atggagtgtg tgtggcacag cacaggcatc taccagtgcc agatctaccg 660
atccctgctg gcgctgcccc aagacctcca ggctgcccgc gccctcatgg gcatctcctg 720
cctgctctcg ggcatagcct gcgcctgcgc cgtcatcggg atgaagtgca cgcgctgcgc 780
caagggcaca cccgccaaaga ccacctttgc catcctcggc ggcacctctt tcatcctggc 840
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a
1381

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<210> 7973
<211> 1609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(1078)
<223> similar to gil922935 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7973
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agaggcgggc cggcaccccc ttctgacctc cagtgcggcc ggcctcaaga tcagacatgg 180
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ccgtggaagg cgggcacaga gccatcttct tcaatcggat cgggtggagt cagcaggaca 360
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acattcgggc cagacctcga aaaatctcct cccctacagg ctccaaagac ctacagatgg 480
tgaatatctc cctgcgagtg ttgtctcgac ccaatgctca ggagcttcct agcatgtacc 540
agcgccctag gctggactac gaggaacgag tgttgccgtc cattgtcaac gaggtgctca 600
agagtgtggt ggccaagtgc aatgcctcac agctgatcac ccagcgggcc caggtatccc 660
tgttgatccg ccgggagctg acagagaggg ccaaggactt cagcctcatc ctggatgatg 720
tggccatcac agagctgagc tttagccgag agtacacagc tgctgtagaa gccaaacaag 780
tggcccagca ggaggcccag cgggcccatt tcttggtaga aaaagcaaag caggaacagc 840
ggcagaaaat tgtgcaggcc gagggtgagg ccgaggctgc caagatgctt ggagaagcac 900
tgagcaagaa ccctggctac atcaaacttc gcaagattcg agcagcccag aatatctcca 960
agacgatcgc cacatcacag aatcgtatct atctcacagc tgacaacctt gtgctgaacc 1020
tacaggatga aagtttcacc aggggaagtg acagcctcat caagggtgaa aaatgagcct 1080
agtcaccaag aactccaccc ccagaggaag tggatctgct tctccagttt ttgaggagcc 1140
agccaggggt ccagcacagc cctacccgcg cccagtatca tgcatgggtc cccacaccg 1200
gttccctgaa cccctcttgg attaaggaag actgaagact agcccccttt ctggggaatt 1260

```


0946707

```
<220>
<221> misc_feature
<222> (1135)...(189)
<223> similar to gi4929679 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

$\langle 210 \rangle$	7976
$\langle 211 \rangle$	1610

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (52)...(1440)
 <223> similar to gil84497 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7976
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 acccctcttc ctccgactag tgcccatggg aatgttgctg aaggcgagac caagccagac 180
 ccagacgtga ctgaacgctg ctcatatggc tggagctttg atgctaccac cctggatgac 240
 aatggaacca tgctgttttt taaaggggag tttgtgtgga agagtcacaa atgggaccgg 300
 gagttaatct cagagagatg gaagaatttc ccagccctg tggatgctgc attccgtcaa 360
 ggtcacaaca gtgtctttct gatcaagggg gacaaagtct gggatatacc tcctgaaaag 420
 aaggagaaag gatacccaaa gttgctccaa gatgaatttc ctggaatccc atccccactg 480
 gatgcagctg tggaatgtca ccgtggagaa tgtcaagctg aaggcgctct cttcttccaa 540
 ggtgaccgag agtggttctg ggacttggct acgggaacca tgaaggagcg ttcttgcca 600
 gctgttggga actgctcttc tgccctgaga tggctgggac gctactactg cttccagggt 660
 aaccaattcc tgcgcttcga ccctgtcagg ggagaggtgc ctcccaggta cccgcgggat 720
 gtccgagact acttcatgcc ctgccctggc agaggccatg gacacaggaa tgggactggc 780
 catgggaaca gtaccacca tggccctgag tatatgcgt gtatgccaca tctagtcttg 840
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 cgtctggaca ccagccggga tggctggcat agctggccca ttgctcatca gtggccccag 960
 ggtccttcag cagtggatgc tgccttttcc tgggaagaaa aactctatct ggtccagggc 1020
 acccaggat atgtcttctt gacaaaggga ggctataccc tagtaagcgg ttatccgaag 1080
 cggctggaga aggaagtcgg gacccctcat gggattatcc tggactctgt ggatgcggcc 1140
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 gacctgaagt caggagccca agccacgtgg acagagcttc cttggcccca tgagaaggta 1260
 gacggagcct tgtgtatgga aaagtccctt ggccctaact catgttccgc caatggtccc 1320
 ggcttgtacc tcatccatgg tcccaatttg tactgctaca gtgatgtgga gaaactgaat 1380
 gcagccaagg cccttcgcga accccagaat gtgaccagtc tcctgggctg cactcactga 1440
 ggggccttct gacatgagtc tggcctggcc ccacctccta gttcctcata ataaagacag 1500
 attgcttctt cgcttctcac tgaggggcct tctgacatga gtctggcctg gccccacctc 1560
 cccagtttct cataataaag acagattgct tcttcacttg aaaaaaaaaa 1610

<210> 7977
 <211> 3305
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3257)...(768)
 <223> similar to gi35323 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7977					
gtttaaccgc	ggcccgggaa	ttttattttg	ggggcccat	aaaaaaaatt	ttaccttgcc	60
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gaaaagtttc	tttaataaaa	aagttctagt	acatatcac	gattgtcctc	acccttcac	180
tatagcaacg	caacagggaa	aataaaaaat	aaggggcaac	ctaggcacac	tcagtataaa	240
aacgcagaga	tccatccgaa	tgggagggcat	tggggtctgg	aaaccagaaa	tgcaggacgg	300
ccagtggggc	cagcagctct	gggctgcact	tttgaagaac	ttttctctaa	cgttttgaag	360
atagcattaa	aaaaaaaaaa	attaagttgc	accaggaggc	ctaagaaggt	tcccattcca	420
gagagaaagt	ccactcgtaa	ggtcagtcac	agcaggccca	ggcccaggac	accgggggtg	480
agcaatttta	cggcaggtaa	gaggcttctg	gaaacttggc	ctctgaggca	accctggccc	540
aggtggagag	gttttcagtg	ctgaagtcaa	actgccaca	ttcctccatc	ctgaaaggct	600
aaggaagcaa	ccactctaac	gtcagactca	tagcctgtct	ccgccaaagt	gctacggcca	660
cttctcgaca	agctccgaag	tcctcagctg	aagggggaac	tgagacccct	tggagatgct	720
ctgtggcctg	acgtttggtc	cccagccctg	caggcaggcc	gcctagtctg	cctccccgcc	780
accgtacatg	tctgccagct	tcttgaagcg	gctgccccac	tcgttcagat	aatcgtaatc	840
ttggctcttg	tgggagggcg	aggaggtgag	ggagctcagg	gacgcggcgt	cggagccgct	900
gccctcatag	togaacacca	agaggggtgc	gtagggcggg	gctgtggggg	ctgtgttagc	960
cgccttcagg	ttctcaatta	taaagttgcc	gatttcatct	gggttggctg	gcctaggacg	1020
gtacatgggt	gtcgggatga	tgggttgggtg	cacgtcattg	cggagaacca	cctccggcct	1080
ggcctccaga	cctcgggtgga	gctgggtgat	gtcatagtcc	tggtcctctt	cgccaccccc	1140
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cttgatcttc	cgttcttttc	tcaccaacaa	aagcagcacc	agcaggagga	acagcagagc	1260
caggacagcc	cccagcacag	ggaggatgaa	acctcctttc	cagggtccag	ggcagggtttc	1320
gacatggcca	tggcagtcgc	acacagtggc	cctgatcacc	gtcagctgct	ctttgtttgcc	1380
atggtcagac	agagaaaagg	gcacgtcata	tgtatcctgc	ttcagggaact	tcttcaggga	1440
caagaccact	gtgtcacctt	cctcgttgac	ctctgccgtc	cagtagatgt	ctgagtcac	1500
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cacctggcgc	acagggtctt	ggttgcatag	gggtgatctga	cgggggtcag	ggactgggcc	1620
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tgcagtgtag	acacacacag	gctccccagt	ggggatgccc	tcctggacct	caacgacttt	1920
ggaggggtgg	acaaacacag	gtgcctcatt	cacatcctcc	acgtggacca	ctatgggtggc	1980
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gtgctggttt	ttggcctcaa	aatccaaaacc	cttcctggtt	gtcaggatgc	cctggttgct	2100
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ggcacgccac	gctggtgagt	tgggggcgtc	cagatcagtg	accgtcagcc	tctgcacctc	2220
atggcccact	gcattctcag	gcacatgggc	ctcgtacttc	tgggggtcaa	acatgggagc	2280
attgtcattg	gcacacagga	tctccactac	tgccactgcc	gtggtggtgg	agccgtcccc	2340
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gtcctttggt	tcttggtctat	ggatggagta	agcaaccacc	ccattgtagg	tgtagatggc	2520
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tgtctccttc	tctacagcga	agacaccctc	aggggggctg	tctgcccccg	gccccgtgat	2820
gctgtagaaa	atcttggtgt	ctctatcttt	attagacttg	agctgattca	gtctctgggg	2880
gaagggaccc	ttgccatttt	cagggacaga	tattggagca	accaccaat	ctctcttggt	2940
tcttcgtaag	atagttttgg	atgggaagat	cttcaatgga	ttcctttcct	tcagtgcact	3000
tctttcctgg	actgtctcgc	cattccgcac	agtgaagtca	tcattatcag	tgctaaacag	3060
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ctccgcgcct	cccgcctcca	aggtcacttc	agcctccctg	aagaccgccc	ggcacggctc	3180
ggaggccgcg	cactgcagcc	agcaaacctg	gagaaggagg	agagacgcga	gaggtccacg	3240

agggagcccc atggctgcag agagaggggt gaagcagctg ccgcgacggc gggccggtgt 3300
tccgc 3305

<210> 7978
<211> 3817
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(1236)
<223> similar to gi2052058 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7978
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gccccaccct ccttgtcctt tctgtctgat gacgtactct ctggggagac tcacaggagt 120
ggcaggtgag gacgagctac aggtgattca gcctgaaaag tccgtatcag ttgcagctgg 180
agagtccggc actctgcgct gtgctatgac gtccctgata cctgtggggc ccatcatgtg 240
gttttagagg gctggagcag gccgggaatt aatctacaat cagaaaagaag gccacttccc 300
acgggtaaca actgtttcag aactcacaac gagaaacaac ctgaactttt ccatcagcat 360
cagtaacatc accccagcag acgccggcac ctactactgt gtgaagtcc ggaaaggag 420
ccctgacgac gtggagttaa agtctggagc aggcactgag ctgtctgtgc gcgccaaacc 480
ctctgcccc gtggtatcgg gccctgcggt gagggccaca cctgagcaca cagtgcgctt 540
cacctgcgag tcccatggct tctctcccag agacatcacc ctgaaatggt tcaaaaatgg 600
gaatgagctc tcagacttcc agaccaacgt ggaccccgca ggagacagtg tgtcctacag 660
catccacagc acagccaggg tgggtgctgac ccgtggggac gttcactctc aagtcactctg 720
cgagatggcc cacatcacct tgcaggggga cctcttctgt gggactgcca acttgtctga 780
ggccatccga gttccaccca ccttggagggt tactcaacag cccatgaggg cagagaacca 840
ggcaaacgtc acctgccagg tgagcaattt ctaccccgcg ggactacagc tgacctgggt 900
ggagaatgga aatgtgtccc ggacagaaac agcttcgacc ctcatagaga acaaggatgg 960
cacctacaac tggatgagct ggctcctggt gaacacctgt gccacaggg acgatgtggt 1020
gctcacctgt caggtggagc atgatgggca gcaagcagtc agcaaaagct atgccctgga 1080
gatctcagca caccagaagg agcacggctc agatatcacc catgaaccag cgctggctcc 1140
tactgctcca ctctctgtag ctctctctct gggccccaag ctgctactgg tggttggtgt 1200
ctctgccatc tacatctgct ggaaacagaa ggctgactg accctcagtc tctgctgct 1260
cctcctttct tgagaagctc agcctgagag aaggagctgg cgagaacctt cccacactc 1320
agctccaaac gcctcctctc ccaggtcctc tgccctgcca cagctcctg tccaccttc 1380
acaagaccat gatgccccaa agcagtgctc ctattcacgg tctgagcag gggccatggg 1440
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aaacacacca ggacttctcc catccgtcgc cttgggactg gccataaacc acagactctc 1560
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aaaatgattc tcttctctct ttgtccaagc atcctatccc tcaaacccaa aaagaaagaa 1740
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tggtaaatgt ttaacaatgg actttctgaa agggaaaaac caaaagctgt tttgcagtgc 1980
ttgccaatct ctctagtgtg ataactccca acctgaccaa tttcacactg ccaacagtta 2040
aacaaccaga ttgcaagatt cctgaaatct aacaattggt tttcagggcc cagtccaagc 2100

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ctgctgctgg aaacctcaga gttaaattccc tattctccac acctctcacc tccaccaccc 2160
ctccctgtcc cagccagcat catctctttg gggaccactc ctctggcttt catttttcag 2220
ccacagtgat tctttggaaa agtcaaatca tatcacttct ctgcttcttc cccaacacag 2280
ctgcatggct cccgctctcc ctccctcaag tctctgctca atgtcacttc attaaaggcg 2340
gccttctata aactaccttg tataaaatat tatttatttt ctctatcccg gcattctaata 2400
ttctcttatc ctaattaatt tttcttttag ccttattttg atgagtatta tgccgaatac 2460
aggcagccct cacttttcat ggcagtgcaa gattgcaaaa atgactgtgc aacctgaaac 2520
ccaggaaagc agtctccata gtcaatcaga aaaacaatga tcattctgtg acctttacca 2580
ttttttgtca aaataattaga aactctcaca ctctcagtta caaatgtaga ggacaatgaa 2640
aatataatga aataaatatt tttttgtgca ctacaattca aagcattaga aacattgaga 2700
gttcaagtgc tgtttctttg taaaaatgta tccagagtag ttgggaagag tgcttgccct 2760
tttttgata tttctaatat ggagtgatat agtttggtc tgtgtctcca tccaaatctc 2820
atcttaaatt gtaatctgca tgtgttgttg gatgggcctg gtaggaggtg actgaatcat 2880
gggggcggac ttcccccttg ctgttcttgt gatagttagt tctcataaga tctcagttag 2940
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ctctccctcc tgccaccatg tgaagaaggt gcctgcttcc ttttctcctt ccaccatggg 3060
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aattaaacct cttttattca taaaatatcc agtttctggt agttctttat agcagtgtga 3180
gaatgggcta atacacggag caagcattgt ttcttttcat ttgtttattt tatttttatt 3240
tttttgagat ggagtttcac ctttattgcc caggctggag tgcaatgtcg tgatcttggc 3300
tactgcaac cccgcctcc agggttcaag tgattctcct gcctcagcct cctgagtagc 3360
tgggattaca ggcattgacc accacaccca gctaattttg tattttttagt agagatgggg 3420
tttctccatg ttgatcagac tagtcttgaa ctcccgacct cagggtgatcc acctgtcttg 3480
gcctcccaaa gtgctgggat tacaggcatg agccaccatg cctagccagc aagcatcatt 3540
tctattatac cttggtgttt tgccatcttt ctaagtttg actagcttcc aacatcttat 3600
ccctgaatt tcaaatattg tggaatcact ccagaagatc ctttcatgtg aagttttttg 3660
ctggcatttc aacctttggg acattctcag cccttttatt accactcctc tcccatttgt 3720
ggcagtttgc gtttactacc tccctctggc tgcttatctg aagttcctgc atcaggggtc 3780
acattgccac agtcaactat ttgtacttct agaattc 3817

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<210> 7979
 <211> 1345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (157)...(626)
 <223> similar to gil60998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7979
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gggcccagag caaaggtatt tgcagttttg ctgtctatag ttctatgcac agtaacgcta 120
tttcttctac aactaaaatt cctcaaacct aaaatcaaca gcttttatgc ctttgaagtg 180
aaggatgcaa aaggaagaac tgtttctctg gaaaagtata aaggcaaagt ttcactagtt 240
gtaaactgtg ccagtgtact ccaactcaca gacagaaatt acttagggct gaaggaactg 300
cacaaagagt ttggaccatc ccacttcagc gtgttggtt ttccctgcaa tcagtttgga 360
gaatcggagc cccgcccagg caaggaagta gaatcttttg caagaaaaaa ctacggagta 420
actttcccca tcttcacaaa gattaagatt ctaggatctg aaggagaacc tgcatttaga 480

```

```

tttcttggtg attcttcaaa gaaggaacca aggtggaatt tttggaagta tcttgtcaac 540
cctgaggggtc aagttgtgaa gttctggagg ccagaggagc ccattgaagt catcaggcct 600
gacatagcag ctctgggttag acaagtgatc ataaaaaaga aagaggatct atgagaatgc 660
cattgcgttt ctaatagaac agagaaatgt ctccatgagg gtttgggtctc attttaaaca 720
tttttttttt ggagacagtg tctcactctg tcacccaggc tggagtgcag tagtgcgttc 780
tcagctcatt gcaacctctg ccttttttaa catgctatta aatgtggcaa tgaaggattt 840
ttttttaatg ttatcttgct attaatgtgt aatgaatgtt cccaggatga ggatgttacc 900
caaagcaaaa atcaagagta gccaaagaat caacatgaaa tatattaact acttcctctg 960
accatactaa agaattcaga atacacagtg accaatgtgc ctcaatatct tattgttcaa 1020
cttgacattt tctaggactg tacttgatga aaatgccaac acactagacc actctttgga 1080
ttcaagagca ctgtgtatga ctgaaatttc tgggaataact gtaaattggt atgttaatgg 1140
aataaaacac aaatgttgaa aaatgtaaaa tatatatata tagattcaaa tccttatata 1200
tgtatgcttg ttttgtgtac aggattttgt tttttctttt taagtacagg ttcctagtgt 1260
tttactataa ctgtcactat gtatgtaact gacatatata aatagtcatt tataaatgac 1320
cgtattataa caaaaaaaaa aaaaa 1345

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```

<210> 7980
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(595)
<223> similar to gi5262858 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7980
gacgcccgcg ctactccgcg tggattgggt gaccgccctt cgagcccggg gctgactggc 60
ttgcgtctct gccactttct ttcagcttag tggcgcgcgg cgcggcgacg accgcccggg 120
gcgtgtgcag cggcgggcggc ggaagtggcc ggcgagcccg gtccccgcg gcaccatgct 180
tcccttgtca ctgctgaaga cggctcagaa tcaccccatg ttggtggagc tgaaaaatgg 240
ggagacgtac aatggacacc tggtagctg cgacaactgg atgaacatta acctgcgaga 300
agtcactctg acgtccaggg acggggacaa gttctggcgg atgcccaggt gctacatccg 360
cggcagcacc atcaagtacc tgcgcacccc cgacgagatc atcgacatgg tcaaggagga 420
ggtggtggcc aagggccgcg gccgcggagg cctgcagcag cagaagcagc agaaaggccg 480
cggcatgggc ggcgctggcc gaggtgtggt tgggtggcgg ggccgaggtg ggatcccggg 540
cacaggcaga ggccagccag agaagaagcc tggcagacag gcgggcaaac agtgagcgcc 600
caccagacc ggctgctgcg cccctcctg ccagggtggc gattccgctc cacagtctcg 660
gacggatctg ctcagaaagg aagaggcagg cgccaggggg aacccccctt gtgttttgtg 720
accctccctt ttaggtgaag cccctttttt ttgctaaaac cggcaattct ccggttagaa 780
atgttacttg gtgttttttg gttttgtgaa acggcgcgtc caaagctggc tggattccta 840
gaagagtctg tgttgaaggc atctttcaag ccctcgctct ggttctcagg gcagcatttt 900
ccaggcgggt ttgttttgca tttcttgag cctctccgag cagcaaccag acgggagatt 960
tttattttta gctgttcatg ctgggactga cagcctgcag ggtttccttg ggcgcgccc 1020
caaaattgcc ttcaaaacaa acccgggacg gttgaaagcc ttcgaaaccg gcaggggatg 1080
cctcggggcc tggcccttcg ctctctctct tgtgttatgg aaataaaaac aaataaaact 1140
acacactgca catccaaaaa aaaaaaaagg ggggggcgtt ttaagggaat aaattttaag 1200
acccgggcgc gggcagggaa atattttttt aagggggccc caaaattaaa tttcggtgcc 1260
gggttttaaa aaaggggggg tgggaaaacc cg 1292

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<210> 7981
 <211> 1420
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (185)...(984)
 <223> similar to gi5138906 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7981

gagctgggag	gctgcgagat	ccctaccgca	gtagccgcct	ctgcgcgcgc	ggagcttccc	60
gaacctcttc	agccgcccgg	agccgctccc	ggagcccggc	cgtagaggct	gcaatcgag	120
ccgggagccc	gcagcccgcg	ccccgagccc	gccgcgcgcc	tttgagggcg	ccccaggccg	180
cgccatggtg	aaggtgacgt	tcaactccgc	tctggcccag	aaggaggcca	agaaggacga	240
gccaagagc	ggcgaggagg	cgctcatcat	ccccccgac	gccgtcgcgg	tggactgcaa	300
ggaccagat	gatgtggtac	cagttggcca	aagaagagcc	tgggtgttgg	gcatgtgctt	360
tggactagca	tttatgcttg	caggtgttat	tctaggagga	gcatacttgt	acaaatattt	420
tgcacttcaa	ccagatgacg	tgtactactg	tggaataaag	tacatcaaag	atgatgtcat	480
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taaaatcttt	gaagaagaag	aagttgaatt	tatcagtgtg	cctgtcccag	agtttgcaga	600
tagtgatcct	gccaacattg	ttcatgactt	taacaagaaa	cttacagcct	atttagatct	660
taacctggat	aagtgtctatg	tgatccctct	gaacacttcc	attgttatgc	caccagaaa	720
cctactggag	ttacttatta	acatcaaggc	tggaacctat	ttgcctcagt	cctatctgat	780
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ttatcgactg	tgtcatgaca	aggaaactta	caaactgcaa	cgcagagaaa	ctattaaagg	900
tattcagaaa	cgtgaagcca	gcaattgttt	cgcaattcgg	cattttgaaa	acaaatttgc	960
cgtggaaaact	ttaatttgtt	cttgaacagt	caagaaaaac	attattgagg	aaaattaata	1020
tcacagcata	acccaccctt	ttacattttg	tgcagtgatt	attttttaaa	gtcttctttc	1080
atgtaagtga	caaacagggc	tttactatct	tttcatctca	ttaattcaat	taaaaccatt	1140
accttaaaat	ttttttcttt	cgaagtgtgg	tgtcttttat	atttgaatta	gtaactgtat	1200
gaagtcatag	ataatagtac	atgtcacctt	aggtagtagg	aagaattaca	atttctttaa	1260
atcattttatc	tggattttta	tgttttatta	gcattttcaa	gaagacggat	tatctagaga	1320
ataatcatat	atatgcatac	gtaaaaatgg	accacagtga	cttatttgta	gttggttagtt	1380
gccctgctac	ctagtttgtt	agtgcatttg	agcacacatt			1420

<210> 7982
 <211> 3067
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1283)...(2202)

<223> similar to gil051125 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7982

aatgaagg	gacacccaaa	tagccccaat	acaaatgcct	gttcaatcaa	ccaaacatct	60
aagcagca	tctatgtggt	agcatattgc	caggccgtga	gactgcgaat	ataaatagga	120
accgccctc	atctgcaggc	gctcacaaacc	tagttagcaa	acagtaaaac	aattaagcgc	180
gccgtggaca	taggccact	tgctctggga	aatgagggga	agctgggggt	tgcaagtgggt	240
tgattgaagg	gggactacat	gttagaggca	cagactgggt	gcaggtacac	ccaaaggaac	300
gagaagagt	gaaggaaaca	acatccacaa	agtaaccaca	tgctggcgta	tcgaaggccg	360
tgatttacgg	ttttgagact	ttacctcgcc	agcaaagggg	ggccagtctg	ttagcgggtgc	420
agattggagg	ggtgacattg	gaagctgtcc	aggaaaaaga	aaatggaact	ggggagcaga	480
aggcctacgc	aagagggcgg	gacagacagg	acttgtgact	agtagctctg	gactgaggaa	540
tcctccctgc	tttctgggtg	gggagagcta	gtggatgatg	gtgccaataa	cctggatggg	600
gaaagtaagc	tcctcctcgg	aatgcttcat	tcacaacctc	cattttcagc	aacatcccat	660
ctactggtgc	ttcctgggtg	agatacaagt	ttcctgaaac	tgctgctctg	ttttgggcct	720
caccgggcca	acagctcact	agctggcaag	cagtagtatc	aagatggcgg	ccccctagga	780
ctggctagtc	atgtgacctc	gggtttccca	agtttgaagc	ccggcagtc	tttcgggggc	840
aaggttcacc	tgtcacgaaa	cgagtgtcac	cccttcgact	ctcgcaagcc	aatcggcctc	900
tgagactggg	ccactgcggg	gaggcgatcg	gaagattggt	cctttccagt	cgcctagcta	960
gggccaatca	cggagcgtcc	catacttcgc	gggcccggcc	gtaggccggg	gagaagcagg	1020
aatatcgtca	cagcgtggcg	gtattattac	ctaaggactc	gataggaggt	gggacgcgtg	1080
ttgattgaca	ggcagatttc	cctaccggga	tttgagaatt	tggcgcagtg	cccgccttag	1140
aggtgcgctt	atttgattgc	caagtaatat	tcccaatgg	agtactagct	catggtgacg	1200
ggcaggcagc	ttgagcta	gagtcctcgc	tgccggcgcg	agctctccac	atgccggggc	1260
gcggggccca	gtctgagcgg	cgatggcggc	ggcgggcgcg	gcggcagcag	cagcgggggc	1320
tgccggcggt	cggggctccg	ggccggggcg	gcggcgccat	cctgtgcccg	gggcccgttg	1380
ggaggccggg	gagggggccc	cgggggggcg	aggggactac	gggaacggcc	tgaggtctga	1440
ggaactggag	cctgaggagc	tgctgctgga	gcccagcccg	gagcccagag	ccgaagagga	1500
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cggcagccaa	gaggaggagg	aggagccggg	actggtcgag	ggtgacccgg	gggacggcgc	1620
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catctatggt	ggcaatgtgg	actatggtgc	aacagcagaa	gagctggaag	ctcactttca	1860
tggtctgtgt	tcagtcaacc	gtgttaccat	actgtgtgac	aaatttagtg	gccatcccaa	1920
agggtttgcg	tatatagagt	tctcagacaa	agagtcagtg	aggacttcc	tggccttaga	1980
tgagtcccta	tttagaggaa	ggcaaatcaa	ggtgatccca	aaacgaacca	acagaccagg	2040
catcagcaca	acagaccggg	gttttccacg	agcccgcctac	cgcgcccggg	ccaccaacta	2100
caacagctcc	cgctctcgat	tctacagtgg	ttttaacagc	aggccccggg	gtcgcgtcta	2160
caggggcccgg	gctagagcga	catcatggta	ttccccttac	taaaaaaagt	gtgtattagg	2220
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aaaaaacaga	agatgacctt	gatggaaaaa	aaatatTTTT	taaaaaaaag	atatactgtg	2340
gaagggggga	gaatcccata	actaactgct	gaggagggac	ctgctttggg	gagtagggga	2400
aggcccaggg	agtggggcag	ggggctgctt	attcactctg	gggattcgcc	atggacacgt	2460
ctcaactgcg	caagctgctg	cccatgtttc	cctgccccac	ttcaccacct	tgggggctgc	2520
tcaagggtag	gtgggcgtgg	gtggtaggag	gttttttttt	taccaggggc	tctggaagga	2580
caccaaactg	ttctgcttgt	taccttccct	cgtcttctc	ctcgcttttc	acagtccct	2640
cctgcctgct	cctgtccagc	caggtctacc	acccacccca	cccctttttt	ccggctccct	2700
gcccctccag	attgcctggt	gatctatttt	gtttcccttt	gtgtttcttt	ttctgttttg	2760
agtgtctttc	tttgaggtt	tctgtagccg	gaagatctcc	gttccgctcc	cagcggtccc	2820
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gtttttgttt	ttcagttgtt	ttgttttttt	gttttttttt	tttccctttg	cttttttccc	2940
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tttttttagc tcatttccag gggtggaat ttttttttaa tatgtgtcat gaataaagtt 3060
gtttttg 3067

<210> 7983
<211> 1164
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1031)...(317)
<223> similar to gi5817183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7983
tttttttttt ttgcatttca atagaactag ctttattttac ttattttattt attgtaaaca 60
aaagaaatgg tttaaaagca aatgcatata tgtaccaagg gatggacatg acctggtact 120
tacaaaggag ctgctgtgtc ataatggaaa cagcatatta ggagaaaaat agtatttcgt 180
gtgctgtctg cttgagtaat caatctggag atgcaagtta accgaagggtg ctctgccaag 240
ccatcagcgt gagaaaaaaa aaccaccaga agttgcctcc agataacgat gtagtggcag 300
catgataact ggcatcaact cacggtcttc tcattttccc cattttctat aattttcctc 360
ttcttttcat ctattttttt cttgaagatg ttatttcggt aaaactgaag ctctttgatg 420
ctttcactaa tgtcatcaag tgccctatga gaagcagcct tctttggtgc aaattcatat 480
tcttctggat accagcgtct gcacagttct ttaacagtgc tcacatcaat tattctataa 540
tgaagatgtt tcatgaactg gggcatgtat ttgtcaagaa acttcttatc ttcatgaact 600
gaatttcctg caagtggaca gagccctgga ggagtctgct gtcgtacaaa ggacagaaat 660
tcatactctg cctgctgcaa tgtaattgta ctctccttca ctgccttggg aaggccagac 720
ttcccgtgat gctccttaca ccaatctgac atgctgtcca gcaactcatc tggttgtttt 780
ataatcaggt taggaccttc agccaaaatg ttgagatcag agtcagttat cagacaggcc 840
atctcaataa tctggtcctt ctcaatgtcc aatcctgtca tctccagggtc caccagacc 900
atccgctgag ccatgctctc ccctgccgcc atggctgctc caccttcgctg gacacctcgg 960
gccccgaacc gtccgtgact cccacctaca ccccgaaca gcctggagcc cagggagccg 1020
cctagcatca cccgggacca gcagccacgg cccagtcctc gcagccggcg ctggcgagg 1080
cgcaatagtc gctaaacgtc gcaaaccac ggggagggcg acgagcgaat tccaccgcac 1140
tgactagtgt ctcgagtttt caat 1164

<210> 7984
<211> 2935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2936)
<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2608)...(915)
 <223> similar to gi2865252 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7984

tttttttttt	tcaagaataa	cagttttaac	aaaaatgctg	tcagtaagca	aatgtacctt	60
ggagtgaagt	acagaagatt	tttatgtttc	ataaattatt	cccaggggtt	tcagtttggc	120
atacagcaaa	gatacagact	ggattctgag	aacctcctcc	tgccccccaa	atttcctggc	180
tttggcatag	aaagggctac	acagctcttc	catcaagccc	tggcattttc	tactggtaga	240
gattgatttt	tctacagaag	agctcagatt	ttatctcact	aaaaagacgt	gcttgatttt	300
taaattggaa	atttacaaaa	ggagtgaat	gaagtgtgag	tagtaaggta	gtgggtgtct	360
gtgtacatcc	tcatgcccc	ccccagaaga	cattgaagcc	tgaggtatag	cctctaccca	420
ggcattcctc	aggtcctctg	aaggaacttc	cgtcacacaa	gctgagaact	tgctgaattt	480
gaaaagcaat	ttgccctttg	gcatcatcat	ataaagagat	ttacctccag	atgataatag	540
gtgaagacaa	agacttacag	gtgggtgatt	gttggtgggt	tttaaagcca	actgtgatcc	600
catcaatgta	tttctaagga	aaatgtaaac	tgttcataca	ttctcttaaa	catcacagt	660
aaaagcaagt	acccgtatgt	gtgatagggc	aggcagaggg	ctccacctgc	tctgcccttg	720
gcaaaggccc	ttggctacac	tggtgaaaat	gccagctcgg	cttctgcacg	gatacactat	780
gttgtgcat	ccaactggag	tgccgggtga	ccccaaaggc	agggcagggc	agggggaggg	840
ggtattttga	aatgttttca	ggagctctgt	ccagctgtct	ctgtcttcca	gcccggaaact	900
gctgcacaaa	gctacaagga	cactgatgag	accatggatc	tgctgctggt	ctctagggaa	960
gacttggctt	ggagtgtggc	tgccctggatt	cgaaagtgtg	tccttgactc	catggagtaa	1020
ttcttgtagt	tttgcttggc	agattccaaa	agtttgatgg	cctcttcgtt	tctgtcttgc	1080
tccataagca	gcagggccag	ctccagcagg	gcggtttggg	tcaagtagtg	gtcatattta	1140
atcttctttt	cattggcaga	gatgctccta	aaattctcct	cggcctcctg	gacacggccc	1200
aggtatttca	gacacaggcc	tttcaacaat	ttcaccaagc	actcgtcatc	cactgagtac	1260
tcgttctctg	ggcctttctc	cagcatctct	tcagccttag	tgataatctc	aagtatccca	1320
tcogtgagtt	tcggctgctt	cccaatcacg	gcgtagccgt	tcagatgta	catcatttcc	1380
agagcaggca	ctggcagcga	gataggggtg	gaggagaagt	agcgccggga	cttcgggatg	1440
gcaaacttct	ctgtgggtag	agacttccca	gcaatcttga	gcttcaggcc	tgccacagct	1500
cgaaataatt	ccacttcgtc	gtccccgaac	ggcttgtggt	cctccttccc	aaacatgctg	1560
aggtaggcgg	ccttcatgta	aatgtagggt	gccttggacc	agcagttctc	cttgctgagc	1620
aggtcggcgt	agaagtagga	catcttccac	tggcccttgt	aggtgaagca	ccacatcagc	1680
tcccagtagc	acatgtggtg	gaactgcttc	cagtgtctgt	gggcctcaca	gcactcctcg	1740
aaacgccgga	tggctgcata	aatgttgctt	ttatagactt	caatcctccc	tgcaagggaac	1800
aggaagatgg	cacccttagg	gtaccgggtc	aggtagggct	tcaagagctt	ctcggcctcc	1860
tcgatgttga	cgttcccagt	accgagcacg	aaggtgagga	aggtgtggta	gcacagcagg	1920
agcatgacac	agagcacaga	gcggaagctg	tgccctgacg	ctccctcctc	cagctgcagc	1980
agcccatagt	ccttggtttc	tgaaaacccc	acaaactcca	acagcctcag	gatoctagta	2040
ggaagcatgg	acagtgtcag	gttgaaggcc	cctacaccaa	gcttcactcc	tccttcaaag	2100
tgcggtggtg	tctcaccctt	gcagtattgt	gaggactgaa	caaggctgtc	cagctccttg	2160
taggtctggt	agctgtttcg	aactttgatg	ccgcctttga	tgaagctcac	catgttctcg	2220
tctgcagga	aggtcagggc	tgctcgctgc	agcaggcact	ttgcatagca	gacctcagcg	2280
tggatttctt	cttcagtga	ttggcccagc	gtggggcggt	tcaccaggct	gctgaaggaa	2340
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gcttctgaga	actggttggg	gaggaagagg	tccagggcgg	tcatgcaact	gtccagggcc	2580
tcatggaggc	tgctctcagg	agtccccgcg	ggcagggntc	cctgggggtg	ccatcttctt	2640
gttcttttga	gggaggattg	aagtcattaa	aggcacattg	atgcagccat	ccgngtttct	2700
gaggagtgtt	tgtgaggcca	gcagnactgg	aagcagttca	ccacatgttg	ctactgggag	2760
ctgatgtggt	gcttcaccta	caagggccaa	gtggaagatt	gtctacttct	tacggccgac	2820


```
ctgctcaaga aaggagactt gttggtccaa nggccaccta caatttaca tgaggccnnc 2880
ctacctcaag aatgtttggg gaaggggggg accacaaggc cngtnccggg gagga 2935
```

```
<210> 7985
<211> 1236
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(753)
<223> similar to gi6017919 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 7985
tcggaaaagg ccacttttgg gggataatgc tgagggacac tatgaaatct tggaatgata 60
gccagtcaga tctgtgtagc actgaccaag aagaggaaga agagatgatt tttggtgaaa 120
atgaagatga tttggatgag atgatggatt taagtgatct gcctacctca ctttttgctt 180
gcagcgtcca tgaagcagtg tttgaggcac gagagcagaa ggaaagattt gaagcactct 240
tcaccatcta tgatgaccag gttacttttc agctgtttaa aagctttaga agagtcagaa 300
taaatttcag caaacctgaa gcggcagcaa gagcgcgaaat agaactccac gaaacagact 360
tcaatgggca gaagctaaag ctatattttg cacagggtgca gatgtccggc gaagtgcggg 420
acaagtccta tctcctgccg cccagcctg tcaagcagtt cctcatctcc cctccagcct 480
ctcccccggt ggggtggaag cagagcgaag atgcgatgcc tgttataaat tatgatttac 540
tctgtgtgtg ttccaaattg ggaccaggag agaaatatga acttcacgcg ggaacagagt 600
cgacacccag cgtggtggtt catgtctgtg aaagtgaaac tgaagaggaa gaagagacaa 660
aaaaccccaa acagaaaatt gccagacaa ggcgccccga ccctccgacc gcagcgttga 720
atgagcccca gacctttgat tgcgcgtgtg gaggcccttg gttgtggtgc gaggcggctg 780
ccctggtggg ctctggccat ggcgctctgt gcctgcggcc gatgcgttgc tgcgaacagc 840
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ggtcgtgtag agtagcagct gatttgacct gtcccagatt ttaagtgata ttccaaaagg 960
gactttacat taaaggagaa gcccccaaga tgtggccacc cttaccatt tttaaatagt 1020
aacaatttag gaaaacagct cccctcccct ccagccatgt aagtcctcct gattctgtat 1080
cacatgagac accaaaaact ggaaatgtag tcacaccag tacagtacca tttttatgaa 1140
tttaaaaata gtcttataat tttaattgtt tgtgggtatt tttctactgg tataaatagc 1200
ttctaattaa taaatcgatc aaaggttgtt actcag 1236
```

```
<210> 7986
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (678)...(280)
<223> similar to gi2621798 in the genepept database release 114,
```

Run with FASTXY 3.3t00, default parameters

<400> 7986
agctgtctcc atttgctaaa gctataaaca gttcttgatc tagtcaattg caaaatacat 60
ggatggccag ggcttctgtt taagcaaaaag aagaaaaaat atcaatagca caaaactgcc 120
cttatagttt ttgaaaaaat atatctatta agataacaat tttgattttt ttaataagct 180
gtgcattaaa gtacactttg tttccatcac tctccattac tctagagctc cgctttgtct 240
gcctggggccg ggctggcgac cccactgcct ccctcggcgg tgccactgct atccgcaggt 300
gtaaaagaca aggcagccga atttatgcag tatcttttcc cagttggacg aggcccatca 360
tcaaaaatgt gcccaagggtg agcaccacac tgagagcagc ttgtttccac cctgtgcatc 420
ccataggaaa agtcatctgt gaatgtgatt gcctcagaat tgatcacatc gtggaatgaa 480
ggccaacctg aaccggagtc aaatttggtt tctgacttaa acaatggagt tccacaaaca 540
acacatttat atattccagg atctttgtga tgtgtgtatt ctcccttcaa ggcactttcg 600
gtccctttct cctgagtgac atggtactgc aggggtgtta gccgcttcct cagttcctgc 660
tgggaaaaga ccaccttaca gttcttttta tccctacacg acccgactg cgcacttccc 720
agagccgcgg ccaggcagag gcagaggcag agggagaggc agagcgagag ggggcgcggg 780
aggggtccgcc gcgggctcat ggaaaggcca ggcagccacc gccggtgtca gaacctcgct 840
ccctccctcc ccggtc 857

<210> 7987
<211> 5580
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1464)
<223> similar to gi4003528 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7987
gcggccgcgc cggggggcgc cgcgcccgc gcccgctgcc tgcgcgcgc gccgggcatg 60
agttagtgc agacatggac accaaacatt tcctgcccgt cgatttctcc acccaggtga 120
actcctccct cacctccccg acggggcgag gctccatggc tgccccctcg ctgcaccgt 180
ccctggggcc tggcatcggc tccccgggac agctgcattc tcccatcagc accctgagct 240
cccccatcaa cggcatgggc ccgcctttct cggatcatcag ctcccccatg ggccccact 300
ccatgtcggg gcccaaccaca cccaccctgg gcttcagcac tggcagcccc cagctcagct 360
cacctatgaa ccccgctcagc agcagcgagg acatcaagcc cccctgggc ctcaatggcg 420
tcctcaaggc ccccgccac ccctcaggaa acatggcttc ctccaccaag cacatctgcg 480
ccatctgcgg ggaccgctcc tcaggcaagc actatggagt gtacagctgc gaggggtgca 540
agggcttctt caagcggacg gtgcgcaagg acctgacct cactgcccgc gacaacaagg 600
actgcctgat tgacaagcgg cagcggaaacc ggtgccagta ctgccgctac cagaagtgcc 660
tggccatggg catgaagcgg gaagccgtgc aggaggagcg gcagcgtggc aaggaccgga 720
acgagaatga ggtggagtcg accagcagcg ccaacgagga catgccggtg gagaggatcc 780
tggaggctga gctggccgtg gagcccaaga ccgagacct cgtggaggca aacatggggc 840
tgaacccag ctgcgcgaac gacctgtca ccaacatttg ccaagcagcc gacaaacagc 900
tttccacct ggtggagtgg gccaaagcga tcccacactt ctccagagctg cccctggacg 960

accaggtcat	cctgctgcgg	gcaggtgga	atgagctgct	catgcctcc	ttctccacc	1020
gctccatcgc	cgtgaaggac	gggatcctcc	tggccaccgg	gctgcacgtc	caccggaaca	1080
gcgcccacag	cgcaggggtg	ggcgccatct	ttgacagggt	gctgacggag	cttgtgtcca	1140
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atgggctctc	tgaggtctcag	gagtgaaagt	gccacagagc	cgggctcccc	taggtctcgt	4260
cgggcatgct	tggaaagctgg	cctgccagga	ccttcacacc	tggggcctgt	gtcagcgcgc	4320
ggccctccgc	accctggaag	cacacggcct	ctgggaagga			

acggtcgcaa ggtggactct t

1041

<210> 7989
<211> 1101
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(249)
<223> similar to gi4826494 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7989

tttgatgaca	ttcgtccgtg	cgggtggaatt	cgtggcggat	ggagcccgcg	atggagccgg	60
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ccagcatcaa	cggcttctgc	gagcagctca	acgaggactt	tgaggggcct	ccactcgcca	180
cccggctgct	ggcccacaag	atccagtccc	cacaggagtg	ggagggcgatc	caggccttga	240
cggtgagaag	gggagaggcc	accatccgtc	ccccgccatg	tgacgacacc	aagggaggcc	300
aagactgagg	ttcttggggg	ccataaggct	cttcagagcc	caagagagtt	gtgctaagat	360
ggcccaggat	ggaggtccgg	gcctgcccc	aggggtccac	cacagccagc	gggctggcct	420
cccacccag	catccataca	cgtaggcctg	ttgctgaggg	aaggccctct	agggtcattct	480
ggtccagggg	ttctttgctt	cagctgcaca	tcggctgcct	ctccaggaag	cgtgttcaac	540
acatggaatc	agggctccac	ccagacctgc	cgaggccaca	ctcctggagt	atctgcatcc	600
agagatctgc	acgtttgtaa	agctaagggg	tgggtgcttg	gctcaggcct	gagggttttgc	660
atctgttcaa	tagcagagga	gagaggggtg	tactgtctgt	ggcccccagc	atggggccaca	720
taccaacca	ccatggagca	aagctgattt	taagtgggtg	tagagataca	gtttctcttt	780
taatacttac	gtgttttagt	gggtgcagtg	gcttatacct	gtaatttcag	cacttgggga	840
ggccaaggca	ggaggtctgc	ttgaggcaag	gagttcaagg	ctacagtgag	ctatgattgt	900
gccactgtac	tccagactgg	acaacagagt	gagaccccat	ctctaaataa	taatcattat	960
tgttacatat	ttgttttaac	atTTTTTct	caagtataac	tagtcctatg	atttcataga	1020
tgtagcttag	gataaggcca	aggtagatgt	tgcctatata	aggtTTTTTT	aaaaaaggaa	1080
aataggccg	ggctggtggc	t				1101

<210> 7990
<211> 2051
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1834)...(395)
<223> similar to gi3242791 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7990
cctccaaggc atttatgagc tcctgagtgt cacggggcca ggggaaggct ggagccaaaa 60
ccaagttttt gggggcgggg gtcccttttt gatccccact cctgagtgtc acggggccag 120
gggaaggctg gagccaaaac caagtctctg ggggcggggg tcctctcttg atccccacta 180
ctcagctccc cgggctcccc atgcagccct agagacggga gaagtccagt gtgccgttcc 240
acctccctcc aagtcccaag aaagtgggag gcagtgttcc actccagtgt cgtccagacg 300
aacaagtcca accagtctgg aaccctaggc cggcgtggtc aggtcggggg cgggagggcc 360
gggcctggct ctgtctctgt ctgtgtccag gtcacacata aactgcccgc cgtgagatga 420
gggagccgtc cagctgggac tccatgtcat cctcgagtgc tgggggtgga ggcaacatga 480
ggcctttctc tgccttctct tcctcctcct cctcctcctc atccttgcca tctggttcca 540
tgggaccagg gactactggt gtccagaaga cggggtcccc atttcccaac acctgagctt 600
tcggatcgta gaatcccccg tcgccactgg ctcctcctcc tgctcctcca gggctcttcc 660
tcctcctcct caccctcagc aggatgaagg ccaaggaccc cccagccaga agcagcagca 720
ccagcagtgt cccccccacg gccccccaca ccagcgggcc cacatctcgg ggcgaggccc 780
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tcagggtcgg ttccctcgaag ctctcatgct ccactttgca ggtgaccgtg acaccatctg 1140
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ccacgggtgcc cccgagctgg cctcgcacct cgggtagcac ttgaactcgc acatcctggg 1740
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ttcgtcgtg c 2051

```

```

<210> 7991
<211> 992
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(993)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (86)...(535)
<223> similar to gi3878799 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 7991

gcggcccaaa	tcgagatcga	tatccatgtg	gaggaattcc	ctcctgcagg	tgtcctcggg	60
tctcaggtgg	ctgcgtgtct	gcgccatggt	tgacattctg	ggcgagcggc	acctggtgac	120
ctgtaagggc	gcgacggtgg	aggccgaggc	ggcgctgcag	aacaaggtgg	tggcactgta	180
cttcgcggcg	gcccggtgcg	cgcgcgagcc	cgacttcacg	ccgctgctct	gcgacttcta	240
tacggcgctg	gtggccgagg	cgcggcggcc	cgcgcccttc	gaagtgggtct	tcgtgtcagc	300
cgacggcagc	tcccaggaga	tgctggactt	catgcgcgag	ctgcatggcg	cctggctggc	360
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ccccaagctt	gtgattgtga	aacaaaatgg	ggaggtcatc	accaacaaag	ggcggaagca	480
gatccgggaa	cgggggttgg	cctgcttcca	ggactgggtg	gaggcggccg	atatcttcca	540
gaatttctcc	gtttgaagtg	ggagggacct	cagagggcca	ggacaggtgc	tgcttctcca	600
gcaccgacgc	tggggcaaag	aggagcatgt	tgggttcctt	cctctgttgg	tgtgatttca	660
ttgtatttca	gagcagaagc	actaagctgt	ggtcaaaaag	caactattgc	tcaggaaata	720
atacactcca	tattttgatc	atgcaggctg	tttgatttat	agttattttt	gttattcttt	780
gcataccttt	atccacctgt	gcttaaggaa	ggatcctcat	atgttcatac	tgagctgttg	840
gaaatctatg	caagacattt	atgtgtacaa	gtctcttcag	gtaaaaataat	atattttattg	900
ataacatttt	ctggcgatct	gtttatttta	atggtatgct	ttcacaacta	tcttaataaaa	960
gtttgcaagc	tgtgtacttt	anaaaaaaaaa	aa			992

<210> 7992

<211> 1437

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(893)

<223> similar to gi4008517 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7992

ttgggtcaaca	aggcggttgt	gaccactac	gggtttcccc	gtcaccaatt	ttccctggaa	60
ttggccagat	ggcaagccac	ccataatgat	actatatgtg	tccaagctaa	acaaaatcat	120
tcacttccct	gattttgata	agaaaattcc	tgtaaagctg	tttctcttgc	ctctcctcta	180
cgttggaac	cacataagtg	gattatcaag	cacaagtaaa	ttaagcctac	cgatgttcac	240
cgtgctcagg	aaattcacca	ttccacttac	cttacttctg	gaaaccatca	tacttgggaa	300
gcagtattca	ctcaacatca	tcctcagtgt	ctttgccatt	attctcgggg	ctttcatagc	360
agctgggtct	gaccttgctt	ttaacttaga	aggctatatt	tttgatttcc	tgaatgatat	420
cttcacagca	gcaaattggag	tttataccaa	acagaaaatg	gacccaaagg	agctagggaa	480
atacggagta	cttttctaca	atgcctgctt	catgattatc	ccaactctta	ttattagtgt	540
ctccactgga	gacctgcaac	aggctactga	attcaaccaa	tggaagaatg	ttgtgtttat	600
cctacagttt	cttcttttct	gttttttggg	gtttctgctg	atgtactcca	cggttctgtg	660
cagctattac	aattcagccc	tgacgacagc	agtggttgga	gccatcaaga	atgtatccgt	720
tgccatcatt	gggatattaa	tcggtggaga	ctacattttc	tctttgttaa	actttgtagg	780
gttaaatatt	tgcatggcag	ggggcttgag	atatttcctt	ttaacactga	gcagccagtt	840

```

aaaacctaaa cctgtgggtg aagaaaacat ctgtttggat ttgaagagct aaagagtctg 900
cagcaggatt ggagactgac ttgtgactgc gggctggggg ggcattccca gtaggaatgt 960
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gggcgacacc ttacctgtgg aaagcaaatc ttttcaaaat aagccactgg gactcggtag 1140
gtggagcccc agctgctctt ctagggacct atggggcctt cgtggcatct ctgtgctgtg 1200
tgctggggag gaggttgatg taatggtgac tcttttctga tcagcacctt ggccgtgatt 1260
cccaagggtcc cagccaaagc aaagggccag ttgtttcagt ttaaacagac atgtcttttag 1320
tctaataaaa ttagttaact gccagtaaag ttatttgta gctttgatga aagctatggt 1380
ggtatctttc cctaatcatc aaagtaaata aaaaatcatt tctaaaaaaa aaaaaaa 1437

```

<210> 7993

<211> 2048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (167)...(1159)

<223> similar to gi4884175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7993

```

gggagctgga cgagtccgag cgcgtcacct cctcacgctg cggctgtcgc cgtgtcccgc 60
cggcccgttc cgtgtcgcgc cgcagtgtct cggccgcgcg ggcaccatgg ctgtgtttgt 120
cgtgtcctct gcggttggtg cgggtgtttt ggggaacgag tttagtatat taaaatcacc 180
agggctctgt gttttccgaa atggaaattg gcctatacca ggagagcgga tcccagacgt 240
ggctgcattg tccatgggct tctctgtgaa agaagacctt tcttgccag gactcgcagt 300
gggtaacctg tttcatcgtc ctcgggctac cgtcatgggt atgggtgaagg gagtgaacaa 360
actggctcta cccccaggca gtgtcatttc gtaccctttg gagaatgcag ttccttttag 420
tcttgacagt gttgcaaatt ccattcactc cttattttct gaggaaactc ctgttgtttt 480
gcagttggct cccagtggag aaagagtgtg tatggtaggg aaggcaaact cagtgtttga 540
agacctttca gtcaccttgc gccagctccg taatcgctg tttcaagaaa actctgttct 600
cagttcactc cccctcaatt ctctgagtag gaacaatgaa gttgacctgc tctttctttc 660
tgaactgcaa gtgctacatg atatttcaag cttgctgtct cgtcataagc atctagccaa 720
ggatcattct cctgatttat attcactgga gctggcagg ttggatgaaa ttgggaagcg 780
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gctgttttgt taaaatatat ctttttagtgt gctttaaagt agatagtata ctttacattt 1260
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atgatatagc catttaataa cattgatttc attctgttta atgaatttgg aaatatgcac 1440
tgaaagaaat gtaaaacatt tagaatagct cgtgttatgg aaaaaagtgc actgaattta 1500
ttagacaaac ttacgaatgc ttaacttctt tacacagcat aggtgaaaat catatttggg 1560
ctattgtata ctatgaacaa tttgtaaatg tcttaatttg atgtaaataa ctctgaaaca 1620

```



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agagaaaagg tttttaactt agagtagccc taaaatatgg atgtgcttat ataatcgctt 1680
agttttggaa ctgtatctga gtaacagagg acagctgttt ttttaaccctc ttctgcaagt 1740
ttgttgacct acatgggcta atatggatac taaaaatact acattgatct aagaagaaac 1800
tagccttgtg gagtatatag atgcttttca ttatacacac aaaaatccct gagggacatt 1860
ttgaggcatg aatataaaaac atttttatatt cagtaacttt tccccctgtg taagttacta 1920
tggtttgtgg tacaacttca ttctatagaa tattaagtgg aagtgggtga attctacttt 1980
ttatgttgga gtggaccaat gtctatcaag agtgacaaat aaagttaatg atgattccaa 2040
aaaaaaaaa 2048

```

```

<210> 7994
<211> 1870
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (323)...(1173)
<223> similar to gi5708202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7994
tcgatacgac tttttttttt tttttttttt ttccggtagg tcgccagctg aggcggtttg 60
taagtttttg gtcgcagtat gctagaattt tgaggctccc ttctgatgaa aattgagctg 120
tccatgcagc catggaaccc gggttacagc agtgaggggg ccacggctca aggctggagt 180
gcagtggcat gatcttggct cactacaacc tccaccttct gggctcaagc agtcctccca 240
cctgagcctc tcaagtagct gggacttcag gcacgcacca acacaccag aaacttacac 300
atgtccaaaa atgattgaga tggagcaggc ggaggcccag cttgctgagt tagacctgct 360
agccagtatg ttccctggtg agaatgagct catagtgaat gaccagctgg ctgtagcaga 420
actgaaagat tgtattgaaa agaagacaat ggaggggcca tcttcaaaag tctactttac 480
tatcaatatg aacctggatg tatctgacga aaaaatggcg atgttttctc tggcctgtat 540
tcttcccttt aaatacccg gaggttctgcc tgaattact gtcagatcag tattattgag 600
tagatcccag cagactcagc tgaacacaga tctgactgca ttccctgcaa aacattgtca 660
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<210> 7996

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(1471)

<223> similar to gi5042232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 7997

<211> 572

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (72)...(419)
 <223> similar to gil200085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 7998
 <211> 5271
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (179)...(3473)
 <223> similar to gi34366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 7999

<211> 3102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (316)...(835)

<223> similar to gi3970850 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7999

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<210> 8000

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(968)

<223> similar to gi31647 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8000

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ctggacaggt	ttgtacacct	tgtcagtggt	cgtgaaccgg	cattctactg	ccattggccg	180
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cgtttgctat	gaccaattct	tccccatctc	ccatgtgctg	ctgtgggtccc	tgcagctcat	360
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gcacaagggtc	cacatctcaa	ggacactgtg	gtggacctat	gtcatcagcg	tgggtgttccg	540
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tcgacg						1746

<210> 8001
 <211> 1849
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1676)...(148)
 <223> similar to gi473407 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8001						
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aaaaattctt	gatttctcta	aaacactaag	atgctatctc	aataagagatt	gcttcacatt	180
ttccagtttc	ttgatctgtg	catgtcacat	gtaaagatcc	atcccttttc	atagtaagaa	240
cagctaatat	atcacgtaat	ccattttctt	ttttatctaa	atcctggagt	acaacctgtg	300
caaacttggt	ttcctctttg	gcagagttct	tcccatcaga	ctcatagagt	tcaaggcaca	360
ctgaagatat	gcttccaggg	gcttgcaatg	tgtgttgtct	tcgagctggc	aaaggagtcc	420
ctgatggaaa	cagcactgtg	aatctactgg	ctcctgattc	gtccacaccc	ttaactaaaa	480
tatctctggc	tgaacactct	atcataagag	agtcttccac	caacagggtt	tctttcccaa	540
taagaattcc	tgttctata	gctgcaccaa	tagggatcac	ttcatcagga	gggatagaat	600
tgagaagctc	aacagctggg	aaaagatctt	taatcagttg	ctgtagcttt	gggattcgag	660
aagaccctcc	acaaaggaca	accttggtga	tatcatctgc	tgtaaatcca	ttttgatcta	720


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cacacataca ctctgcgtg tgcacaagca cacacatgca aggcatatac atggacaccg 1440
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ccggaggggg gaaccccccg gcctgggccc cccaaagggc ggggtttaca ggggggagcc 2040
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<210> 8003
<211> 2095
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1345)...(360)
<223> similar to gi5817192 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8003
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tggtggtgct ttgacaacta aaacaatggt ttagaaagat tttgtttcag atccgtaaaa 180
aatagcaaca atttggggga taaaaataag taaaatccaa aaacttcaa agttttattcc 240
aaattctttt gaatccttat ggtgggctgt aaaaccagtt tttaaatgct catagcttca 300
gggatggggg agtatcacag tttatatgaa ttctgccta gggaagccca gcaatgttac 360
acagtagttt cgtgtttcca taatccagtc ctaacattgc cagtgtatc ggtaccgagc 420
aagggtccct cctgccatt gcttttaatt ggtccattct gaatggccaa gttgaggcca 480
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09-03-2017

<211> 5534

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (276) \dots (1865)$

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<223> similar to gi5689499 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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<400> 8004

6612

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agttactgat	ggccatggag	aaggtaaagc	aggaactaga	atccatgaaa	gcaaagctgt	1500
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gggctgggtca	gttctcctca	tgacaaaagt	caaaccgact	tccctgtgtt	gcgtgtgaag	1620
cttgtttagtg	gacagagaga	aacgcagggg	tctgccctgg	gagaatgaca	gccacagcgc	1680
tgggtgccgt	caggcggtt	cgtgtgcagt	tagcgtttca	caaactgaga	agagtataaa	1740
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agggaaataga	aggtcaccag	tctgcaagac	gagaggactg	tccctcaggg	gcagctctcc	1860
ggccgcctgt	cctggaaggc	tggcaggttc	actggccaag	gtcaggagac	cgcaatggcc	1920
acgtgggtctc	cgggctgggc	tgggctgcgg	agcgtgcacc	tcacaggaag	cgtcgggact	1980
gatgtgctgg	agcgcttttag	ttgttttcaa	atctagcata	cggtttttct	tctttaaaca	2040
ggccatatatt	ttttctgatt	tcatcatgtc	ttgtcttcat	ctctgctctc	cgttcctcct	2100
gccgtatccg	cctctcctcc	cgctcacgca	tggccttctc	ctcactcctg	tccggcttcc	2160
ggctcctctt	cctcctgcag	cagcagcagc	agcagatggc	aatgcccagg	aggagggttc	2220
ccccgactac	cgacatggtg	atgatcagcg	cctcaaagtt	cacccaacaa	actccccagc	2280
gtgcagagct	caatttacia	agggaagccg	gtggcaagac	gcttgtaact	gggtagtcca	2340
gacaagcctt	gttagtggtg	caccaaagac	aggagacgtt	cttcaggcac	tcttcacagg	2400
ttttgtttgt	gttctgagaa	caagcagctc	cgggaggctc	ctgcgcggcg	gccaccggga	2460
tgagcagcag	gagcagcgcg	gcgccaccga	ggcgcaacct	ccagtacggc	gtcggcccgc	2520
gggccactcc	gggcgccatg	gtcggccggg	cgctctatca	gtcagtggag	cgttacaact	2580
ccgactccag	cacaagcggg	ctccggacgc	gtacgtaagc	ttggatcctc	ta	2632

<210> 8006

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(1266)

<223> similar to gi469466 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8006

gcctcgaatt	cccgggtcga	cgatttcgtc	tcccttggtc	ctggtgctgg	tgggtggctgt	60
gacagtgcgg	gcggccttgt	tccgctccag	tctggccgag	ttcatttccg	agcgggtgga	120
ggtggtgtcc	ccactgagct	cttgggaagag	agtgggtgaa	ggcctttcac	tgttggaact	180
gggagtatct	cgtattctg	gagcagtatt	tcatgaaact	ccattaataa	tataacctct	240
tcatttctta	attgactatg	ctgaattggg	gtttatgata	actgatgcac	tactgctat	300
tgcctgtat	tttgcaatcc	aggacttcaa	taaagtgtg	tttaaaaagc	agaaactcct	360
cctagaactg	gaccagtatg	ccccagatgt	ggccgaactc	atccggaccc	ctatggaaat	420
gcgttacatc	cctttgaaag	tggccctgtt	ctatctctta	aatccttaca	cgattttgtc	480
ttgtgttgcc	aagtctacct	gtgccatcaa	caacaccctc	attgctttct	tcattttgac	540
tacgataaaa	ggcagtgtct	tccctcagtgc	tatttttctt	gccttagcga	cataccagtc	600
tctgtaccca	ctcaccttgt	ttgtcccagg	actcctctat	ctcctccagc	ggcagtacat	660
acctgtgaaa	atgaagagca	aagccttctg	gatcttttct	tgggagtatg	ccatgatgta	720
tgtgggaagc	ctagtggtaa	tcatttgcct	ctccttcttc	cttctcagct	cttgggattt	780
catccccgca	gtctatggct	ttatacttct	tgttccagat	ctcactccaa	acatttgtct	840
tttctggtac	ttctttgcag	agatgtttga	gcacttcagc	ctcttctttg	tatgtgtgtt	900
tcagatcaac	gtcttcttct	acaccatccc	cttagccata	aagctaaagg	agcaccacct	960

```

cttcttcatg tttatccaga tcgctgtcat cgccatcttt aagtcctacc cgacagtggg 1020
ggacgtggcg ctctacatgg ccttcttccc cgtgtggaac catctctaca gattcctgag 1080
aaacatcttt gtcctcacct gcatcatcat cgtctgttcc ctgctcttcc ctgtcctgtg 1140
gcacctctgg atttatgcag gaagtgccaa ctctaatttc ttttatgcca tcacactgac 1200
cttcaacggt gggcagatcc tgctcatctc tgattacttc tatgccttcc tgcggcggga 1260
gtactacctc acacatggcc tctacttgac cgccaaggat ggcacagagg ccatgctcgt 1320
gctcaagtag gcctggctgg cacagggtcg catggacctc agggggctgt ggggccagaa 1380
gctgggcca ggcctccagc cagagttgcc agcaggcgag tgcttgggca gaagagggtc 1440
gagtccaggg tcacaagtct ctggtaccaa aagggaccca tggctgactg acagcaaggc 1500
ctatggggaa gaactgggag ctccccaact tggaccccca ctttgtggct ctgcacacca 1560
aggagccccc tcccagacag gaaggagaag aggcaggtga gcagggcttg ttagattgtg 1620
gctacttaat aaatgttttt tggtatgaag tctaaaaaaa aaa 1663

```

```

<210> 8007
<211> 1502
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (963)...(1388)
<223> similar to gi5912212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8007
gggtgaaccc ttcactcctgg gtcttttaaat ttctcaggcg gaacgagtgg cggcggacag 60
aggcttttgg ctgcgctgtc tgtgggttgt ctgggcttgg ggaactgggc acggagaccg 120
tggcgccggc cgccggtcat acagctctgc ttccagtcgt cgggcaaaaa gctgaggcgc 180
ttctccttta attgcggttg gcggggcggt cgcagcgggc ccgcttgct attggtggcc 240
gttggggggc cggaaactga acggggcgca acggccaccg cagctgccat cggcgccgcc 300
agccccgcca tggtgcgccc ctgcgcggag gacccctcgc tggaaaggca ttttaagggc 360
caccgagatg cagttacctg tgtggacttc agtatcaaca caaagcagct ggccagtggg 420
ccatggactc atgctcatg gtctggcaca tgaagctgca gtcacgcgcc taccgcttca 480
ctggccacaa ggatgcgctc acctgtgtga acttctctcc ttccggacac ctgcttgctt 540
ccggctcccg agacaagact gtccgcatct gggtacccaa tgtcaaagggt gagtccactg 600
tgtttcgtgc acacacagcc acagtgagga gtgtccactt ctgcagtgat ggccagtcct 660
tcgtgacagc ctctgacgac aagacagtca aagtgtgggc aactcatcgc cagaaattcc 720
tgtttctcct gagccagcat atcaactggg tccgctgtgc caagttctcc cccgacgggc 780
ggctcatcgt gtctgccagt gatgacaaga ctgttaagct gtgggacaag agcagccggg 840
aatgtgtcca ctctgattgt gagcatggcg gctttgtcac ctatgtggac ttccacccca 900
gtgggacgtg cattgccgct gccggcatgg acaacacagt gaagggtgtg gacgtgcgga 960
ctcaccggct gctgcagcat tatcagttgc acagtgcagc agtgaacggg ctctctttcc 1020
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tgatggaggg ccggtgctc tacacactcc acgggcatca gggaccagcc accactgttg 1140
ccttttcaag aacggggggg tattttgctt ctggaggctc tgatgaacaa gtgatggtt 1200
ggaagagtaa ctttgatatt ggtgatcatg gagaagtcac gaaagtgccg agggccccag 1260
ccacactggc cagctccatg gggaatctga cagtctccat tctggagcag cggttgacac 1320
tggaagaaga caagctgaag cagtgtctgg agaaccagca gctaatacat cagagagcaa 1380
caccatgatc aggggagcag gaatcaggag ctcggtggat ttgcagggtg caggccaggg 1440
atttgtacca tgggacttgg gtaaataaag gggactgaac tctgtgggaa tcacatccat 1500

```



```

<210> 8008
<211> 1052
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (745)...(323)
<223> similar to gi5880865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8008
tttttttttt ttaagaagca acatgtgtat tattaaatta tttgtcagaa tttccagaat      60
cagagtctct actgggcaag tagaaaaata gaaaagttta ctactttgaa aaggaaacta      120
tgacaaacaa gtatatattc aggaaaggga ctcctagaac ttgagcaaca aaaaagagtt      180
caacctcggc acagtggagt ctgcagtgtc tccgcaacaa cagaaatgaa cttgtgttcc      240
tcacatcctt gagagtcgag gtttgcattt ctctacagag ctagggtga atgaagcaaa      300
gagacctctg ccacccccac tagctggccc agtcctggaa gcggaagcag tcacttgcca      360
tcttccacac tgtgttgctg ggtgaggcct gggcggtcag gatgaagttc tggttgaagt      420
cccgttgttt gttccccctca aacttcactg atccacagat gacaacaagg accgtggtct      480
ggcttggtgt ggcttcatca tgaacaggct ggcagtctac cacgctgatt tggaaactcg      540
tggaaggcaa catttcaaaa aactcactca aggattcttg tcctgaaaca gcattgccat      600
tccagaccag ggtggctgtg cccatgtaca ggcgggacag caaacgccgc cgcttatcca      660
tggtggtgta gtagacattg acaaactcct cagcagctct gcaggcctga tccacatagg      720
tcttgaaatc cacagatgcc atctctggtt ctatggaagg agggctccac cagggtatct      780
cctctgcctt ggggaaccag gggctgcgcg gcgacgtcca gggtcagcgc gggccgcggc      840
ccccacggtc gggacgcccc ccgcgtggga cgagttcca ctgaggggccc ggccgcggag      900
gtcacaagggt gggcccaccg aagcctctgg taggggcacg ggaagagccg cctttctctc      960
ctcctcctcc ttcttgaggg cttactctgg gtcaccgggg cccagagacc gggggacttt     1020
ccggcgcagt tccgcggctt ccgcgcgcgc gc                                     1052

```

```

<210> 8009
<211> 4558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4559)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (167)...(2007)

```

<223> similar to gi458255 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8009

gggttcagta	gtttgggaag	ggagctgggg	gaggcagtgg	cggtctggagt	aggtaggcga	60
gtaaaaggag	gaggaagggc	tggggagaag	agcgaggctg	tagcggtctg	ctgttgaggg	120
aggaagaggt	gggggggtgt	gaggaggggg	aggagagaga	gatgacatgg	ggagaggagg	180
aggggggttg	gacgtgggag	gaggaggaga	gggctcgagg	gaccgtctgt	cgcgggacgg	240
gctggccagc	tggggcgcg	agcctggagg	aggaggcagc	ggcagcgga	gcagcagccc	300
tccgagcagc	agcagctgca	gcagcagaaa	caagtaccag	ccacaaagcg	gctcctctgg	360
cccaagcagc	cacagtcccc	ccgcccgcgat	ggcgctgcaa	agccaggcga	gcgaggaagc	420
aaaggggccc	tggcaggagg	cagaccagga	acagcaggag	ccggtgggta	gcccagagcc	480
ggagtctgag	ccggagcctg	agcccagagc	cgagcccgtg	ccagtgtccc	cgcccagagc	540
ccagccggag	ccccagcccc	taccggaccc	cgcacccctg	ccggagctgg	agttcgagtc	600
cgagcgggtg	cacgaacccg	agcccacgcc	tacggtagag	acccgcggca	ccgcgcgcgg	660
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gacacgagct	gccatggcgg	gaggaggggc	agtagttatt	gatatggtga	gccccatctc	3060
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gaaaaaaaaa	atcaattcct	agcctggatc	ccaaaaaggt	acaggcagca	gttgcacata	3180
gggttgga	atttcttttg	ggaaggggaa	gccatcccag	cctttaccac	ccaatgtgtc	3240
tcccatgctg	ggcatcctag	gccactttgc	ttagagggca	ttaaaggtgc	catgaaaggt	3300
agactctgaa	ccactttgat	ccctctgaag	taggtgactg	atgcctcctt	atgcccaggc	3360
tctggcaaca	gtcttactga	agaacattcc	cagtgccctt	ggctaggggc	agagggcact	3420
gccaggctgt	gttcagttag	cacagctcac	ctcattagga	gtcagacctc	tctcctcact	3480
ctgcctcttt	gtgtctcttt	ttctcctctc	tgagcctttg	tctatttgtt	tctgtcacc	3540
caccttttca	tcatcttttt	gccaggcatt	cctggtgtgc	acttggagcc	aacagtaact	3600
tgccacctta	aggcagggtc	atccccgggc	caggagtagt	aggttgtcct	gaggggctcc	3660
aaagaagaca	atagttccca	ctcatgattt	tccgttacaa	acaggcagct	ggggcatggt	3720
tggcctccaa	tgatttcatt	caaggccaaa	gtcctgagcc	ccctccgctg	gtcccagtc	3780
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atggtgggat	atcaatttac	ttcttccaca	catgtggttg	tgacatgtg	agcttgtgtg	4200
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agcctcttat	gcaccacagt	taaatctaga	acgaacaaa	tttcagagct	caagacatgg	4320
gacatttaaa	tcctcaagga	gttttgaaca	aaataaacag	atctaaaaat	ttggtttggg	4380
tatgtatgtt	gcctacaagg	aagaaatagt	cttaacctga	ttaatagcag	aaagtttgac	4440
ttcagagctg	aagtctcctt	tcaaatcaaa	tttctgccag	gttctatgct	ctctgtgaga	4500
gcagacatta	naaaaagagc	tatatagggg	tttggagttg	gttgactatt	tgagattg	4558

```
<210> 8010
<211> 1376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (571)...(810)
<223> similar to gil620100 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	8010						
cggacgcgtg	ggaagcaagt	tctccttgaa	aacagcctgc	attgagcccc	caaaagtaag		60
cctgtcctag	agcccctgac	acccccactt	gggtctcctc	gacctcgaga	tgctagaagt		120
tttacccttg	ggcgaaggaa	cacagctcca	tctcctgggc	cctctgtgat	tcgccgaggc		180
cgcaggcagt	ctgagccggt	gaaggaccct	tatgtcatgt	tcccacagaa	cgctaagcct		240
ggattcaagc	acgctggcag	cgaaggggaa	ctctaccctc	cagaatctca	gccaccagtt		300
tcaggctctg	caccccctga	ggacctggag	gatgctggac	ccccaacact	ggacccctct		360
gggacctcaa	tactgaaga	aatcctggaa	ctgctgaatc	agcgaggcct	tcgagatcca		420
gggccgtcca	cccattgacat	tcccaagttc	cccgagactc	cccagggtgc	tggcgacagc		480
gaaaccctca	cattccaagc	cctgcccagc	cgggactctt	cagaaggagga	ggaggaggaa		540
gaggaagggc	tggagatgga	tgaacggggg	ccttccccac	tccacgtcct	ggaagggtctc		600
gaaagttcca	ttgcagctga	aatgcccgac	attccctgcc	ttaccaaagt	tcctgacgtg		660

cccaaccttc	ctgaaattcc	cagccgctgt	gaaattcccg	aaggttctcg	ccttcctagt	720
ctctctgaca	tttccgatgt	ttttgagatg	ccctgccttc	cagccatacc	tagtgtcccc	780
aacacccccca	gtctgtctag	cactcccacc	ctctcctgtg	actcctggct	ccaagggcct	840
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gggaaactgg	gagagccgcc	ttcaggaggc	aaggcagggc	cagaggagga	tgaagaaggg	960
gtatcattca	cagacttcca	gccccaggat	gtcacccaac	atcagggatt	cccagatgag	1020
ctggcattcc	gctcttgctc	agaaatccgg	agcgcctggc	aggcattgga	acagggacag	1080
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gagctggccc	ggcttttacg	cgagcggatc	cagcagatgc	agcgggcgga	gactcgggca	1260
tcagccaatg	ccccgcgcg	ccggcctcgg	gttctggccc	aaccccagcc	atccccctgt	1320
ctgccccagg	agcaggcaga	gccagggctt	ctgcctgcct	tggacacgtg	ctgggtt	1376

<210> 8011
 <211> 2586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (156)...(2451)
 <223> similar to gi509241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8011						
tttcgtccct	tctactctgg	gcggttagaa	agtcgttagt	cgttcacctc	tcagccttcc	60
tgagtgggaa	ctggtatgtc	ttccaaaggg	tgaggtggct	ttgaccccg	gttgcccggc	120
cagcacgacc	gaggaggtgg	ctggacagct	ggaggatgaa	cggagaagcc	gactgccccca	180
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ctttgctgga	atgcatgaag	aacaaccttc	catccaatga	cagctccaag	ttcaaaacca	300
ccgaatcaca	catggactgg	gaaaaagtag	catttaaaga	cttttctgga	gacatgtgca	360
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cagacttccc	aaagaagccc	ctgacccctt	atttccgctt	cttcatggag	aagcgggcca	540
agtatgcgaa	actccaccct	gagatgagca	acctggacct	aaccaagatt	ctgtccaaga	600
aatacaagga	gcttccggag	aagaagaaga	tgaaatatat	tcaggacttc	cagagagaga	660
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ccctggagca	gcggaaggag	tacgaggaga	tcatgagaga	ctatatccag	aagcaccag	960
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ggcccgctgc	ggccatgttc	atcttctcgg	aggagaaacg	gcggcagctg	caggaggagc	1440
ggcctgagct	ctccgagagc	gagctgaccc	gcctgctggc	ccgaatgtgg	aacgacctgt	1500

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ctgagaagaa gaaggccaag tacaaggccc gagaggcgcc gctcaaggct cagtcggaga 1560
ggaagcccgg cggggagcgc gaggaacggg gcaagctgcc cgagtccccc aaaagagctg 1620
aggagatctg gcaacagagc gttatcggcg actacctggc ccgcttcaag aatgaccggg 1680
tgaaggcctt gaaagccatg gaaatgacct ggaataacat ggaaaagaag gagaaactga 1740
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acctggacct ctgggttaag agcctgtctc cccaggaccg tgcagcatat aaagagtaca 2100
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gctccagctc ctctctctca ggggactcct cagactctga ctccaactga ggctcagccc 2460
caccacaggg cagccaggga gagcccagga gctcccctcc ccaactgacc acctttgttt 2520
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aaaaaa 2586

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<210> 8012
<211> 4239
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (314)...(2036)
<223> similar to gi3882171 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8012
ctcagggagg gcaggagagc ctgaggagtg gcggggcccgc cagataatag attctaagga 60
gacatggatt cctttcaact ctgaggattc acagcagctg gaagaggcat atagctctgg 120
aaaagggtgt aatgggagag ttgttcctac tgatgggggc agatatgatg ttcatattggg 180
ggagaggatg cggtatgctg tatactggga tgaactggca tcggaagtga gacgatgtac 240
gtggttttac aaggggggaca aagacaataa gtatgttccc tactcggaga gcttcagcca 300
agtttttagag gaaacttaca tgcttgctgt aactttggat gaatggaaaa agaaactgga 360
atctcccaac agagaaatta ttattttaca caatccaaag cttatggtgc attaccagcc 420
agttgcaggg tctgatgatt ggggttcaac acccatggag cagggtcgac caagaactgt 480
gaagagagga gttgagaaca tctctgttga cattcattgt ggagaacctt tacaatatga 540
tcacttggtt tttgtagtcc atgggattgg accagcttgt gatctccgct ttcgaagcat 600
tgtacagtgt gttaatgatt ttcgcagtgt ttccttgaac ttgctacaga cacattttaa 660
gaaagcccaa gaaaatcagc agattgggag ggtagaatth cttccagtca actggcacag 720
tcctttgcat tctactggtg tggatgtaga tctgcagcga ataaccctgc ccagcattaa 780
ccgctcagg cacttcacca atgacacaat tctggatgtc ttcttctaca atagtccac 840
ctactgtcag actattgtgg acacagttgc ttctgaaatg aaccgaatat acacactttt 900
tctacagagg aaccctgatt tcaaaagggg tgtatccatt gctggtcata gtttaggttc 960
gcttatattg tttgatatcc taacaaatca gaaagattct ttgggggata ttgacagtga 1020
aaaggattcg ctaaattattg taatggatca aggatataca cctacactag aggaagattt 1080

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gaagaaactt	cagctctctg	aattctttga	tatctttgag	aaggagaaag	tagataagga	1140
agctctggct	ttatgtacag	accgagatct	tcaggaaata	ggaattcctt	taggaccaag	1200
aaagaagata	ttaaactatt	tcagcaccag	aaaaaactca	atgggtatta	agagaccagc	1260
cccgagcct	gcttcagggg	caaacatccc	caaagaatct	gagttctgca	gtagcagtaa	1320
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gctcatctat	aaaccagaga	tattctttgc	ctttggatct	cccattggaa	tgttccttac	1440
tgtccgagga	ctaaaaagaa	ttgatcccaa	ctacagattt	ccaacgtgca	aaggtttctt	1500
caatatttat	cacccttttg	atcctgtggc	ctataggatt	gaaccaatgg	tggtcccagg	1560
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cggatggcc	tggaagtctt	ttaccagagc	tcataacctt	gccttacaag	cttcagaaac	1740
accagaagaa	actgaagcag	aacctgaatc	aacttcagag	aagcctagtg	atgttaacac	1800
agaagagacc	tctgtggcag	ttaaagaaga	agtcctgcct	atcaatgttg	ggatgctgaa	1860
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tgggggtggt	ttgtgtcttt	aattctttga	tgatagttaa	tagttgccac	actttattga	2340
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ttagtgtag	ggatatgaaga	aagactagaa	tgtagcttta	aaaaagtgtt	gtttactctc	2640
ttagaactga	cagacttatt	gccagaaatc	actgatgttc	attgtttttg	caactgtttg	2700
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gctttatatc	ttgtctattc	atggtattat	agctgtatat	tcccaggatg	ataagcttga	3960
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tgattagatt	tctaataattt	tgcatttttg	aaatgtttgt	tttctacgtg	attatatatta	4200
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<210> 8013
 <211> 2285
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (305)...(1372)
 <223> similar to gi4336774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8013

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agccgacttt	cgaaggggga	ttgagcctcg	gaggaccagg	cgtcttactc	caaagctcag	180
ggcggccccc	gtcttttctt	tccacacccc	tgtgcccgtc	ggatgctggc	cgggtgagcg	240
gccggggccga	ggattccgga	gcccggggcc	gcgtcgcccc	gtcgggtact	gagctgaacg	300
caccatggcc	ggctgctgct	gcctgtccgc	ggaggagaag	gagtcgcagc	gcatcagcgc	360
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catgtactct	catctaatta	gctatttccc	agaatacaca	ggaccgaaac	aggatgtcag	1200
agctgccaga	gactttatcc	tgaagcttta	ccaagatcag	aatcctgaca	aagagaaagt	1260
catctactct	cacttcacat	gtgctacaga	tacagacaat	attcgctttg	tgtttgctgc	1320
tgtcaaagac	acaattctac	agctaaacct	aagggaattc	aaccttgtct	aaaagctgct	1380
gcccactcct	cccctataac	agaagatgtg	atltgcaaac	tccttgtttt	atltgcaagt	1440
gcttctgaca	tcaccagagc	cagccccatg	ccaggaaacta	aggatgtcat	gtagatcgtg	1500
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tccttacatc	ccaaattgtg	tttataatta	ttttcttgac	ttttggctat	aagattttgt	1620
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ttgtgtgtta	actttctaag	ccaaattaat	ggatatataa	gtatatctaa	tttagctttg	1980
ccacagtttg	atcaccaaga	agccaaagct	gacatagagt	aaatgggctc	tagatagcat	2040
atatgtttta	ttggtgaaaa	atgtgtgtgt	gtgcgcgtgt	gtgtgtgtgt	acatttttac	2100
ccccaatgta	tatgaccaga	tcttaaaaaa	gtatgaaatg	gctagaagtc	cacattgttt	2160
gacaaatggt	acgtaaccct	gccaaagtcc	tgatggccac	cacagatttg	ctgtttgaat	2220
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aaaaa						2285

<210> 8014
 <211> 924
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (264)...(771)
 <223> similar to gi5912150 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8014
 agtcagaaga acttgataga gagaagaaat taaaagagga tagtccgagg aaaactccta 60
 ataaagagag tgggtgtgcc agccttcctg tatcgttaac aagcattaaa gaggagccca 120
 aagaggccaa gcatcctgat tctcaatcaa tggaggagag caagctgaaa aatgatgatc 180
 gaaagactcc tgtgaactgg aaggactcta ggggaacaag agtggctgtc tcctcaccga 240
 tgagtcagca tcagtcatac atacagtact tgcatgctta tccttaccga cagatgtacg 300
 accccagcca tcctgcatac cgggctgttt ctcccgtcct aatgcacagt ttcctggggg 360
 catatctctc tccaggattt cattatcctg tttatgggaa gatgtcaggg agagaagaga 420
 cagagaaagt caataccagc cctagcgtca acacgaaaac aaccactgaa tctaaagcac 480
 tggatttgct ccagcagcat gctaaccaat accgcagcaa gtctcctgct cctgtggaaa 540
 aggctacagc tgagcgggaa cgggaggcag aaagggaaag ggatcgccac tcccccttcg 600
 gccagcggca cctgcacacg caccaccaca cccacgttgg catgggttac ccgctaatac 660
 cgggtcaata tgaccctttt caaggcttga cctctgctgc ccttggttgc tctcagcagg 720
 tggctgcccc ggcattctgca tctggaatgt ttctgggaca aagaagagaa taacaagatt 780
 ggacatgtac attgtcatgt gactggatca catggggaag cgctttatac agacatcagt 840
 tccatggtgt taatttgaaa tgccttaatg gcaggcaaaa accagtcatt tcatttttgt 900
 aaattacaga ttttatcaca ggag 924

<210> 8015
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (194)...(348)
 <223> similar to gi3757719 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


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tctgtcacct gctttgcaat cggcttccat tagcgcagt tttatttttg tgtgacggtt 1620
ggccctccta aacacggact ttcctcaggc tgggtcaaga cggaaaagga ctttcttctg 1680
ttttcttcca aagtgcacc acagtggaga gcccacggtg ggcttagcct gcctaggccc 1740
ttccattttc cttctttgac cgtgctagga attccaggaa agtgcattcc tgcctgggtg 1800
accttttctt atgtctaggc tctccacag gtgctgctat tttgtgagct ccggctcctg 1860
tttagctttt atttcagttc taacctcagt ccagaaacat atgtgagggt gtttccctct 1920
tcagccacgg ctacaatacc ggaaaatgct agtttttatt tattttttta agtagtgctt 1980
cctaaatggg ttgcatgaga gccacctggg gtacatgttg aaaacttatt tggggctctac 2040
cccaaacctt ataaccctaa tttggggatg gggcccagga atatgcattt ttaaaaagtc 2100
atctgccctt cccaggtgat tctgtaagtt gtccctcaac tgtacttgga gaaatcgtgt 2160
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atttttcatg ggaagttaaa tagttgacaa agtatgtatt tgctgggtgtc gtgtaaatat 2340
tggtatttta aaataaaacc tgttacatca ctatttttaa catatccagt acaattttaa 2400
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agttaaacad ttcaaattgg 2480

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<210> 8018
<211> 1925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (880)...(1605)
<223> similar to gi3983573 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8018
tttttagctt gaaacaataa atttattccc atagttcttg aggccaggaa gtccaatatc 60
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ttctttgcct cctccagctt ctggtggctg tcagcattcc tttgctgcgg ctccatcact 180
ccaatctctg cctctgtggt cactgtgctt tctcctcttc tgtgtggtaa tatctccctt 240
tgcttctgaa gttcagagtg ttctttcagg agttgatcat attctttcga aagtctctct 300
gactgcatct tcatttccat cacatcattt tgtgccttag aaagggcatc tgaagtcttc 360
cttaattcag ttttcagttt ctctggtct tctactagtt ttttattttc tgcttccaaa 420
acacattctt catctttacc atggcttttc aaaatccatt ttagtttttc gttttcttcc 480
ataaattttt tggcagcctt gttagtattt tctgcttgag ttttaagtac acctttgttt 540
gacagttctt ttgccagttg agtaataagc gtaaccagac gtctcaaac tagccaaaaa 600
aatagggaaa atccagaaat gtaaagattt ctttgagacc taaaaagttt catctgtgtg 660
tgttcatagg catcaggtct gctgggtggag ctcttctcaa tgggtatgaac tgaggaatat 720
ttccttactt ctctcacagc atctagaaat agaacaatca ataggatgat aatggtaagg 780
aaagccttgt tccaaaaagt tgcaatttta cccagacat taaatgaaaa aatcttctgc 840
catctctgag gaggaataaa aggtaggcag aagaaaaaaa tgacactcca atgggctgca 900
gtggcaacct ttctttatgc cgaaatagga ctcattttaa tcttctgcct accttttatt 960
cctcctcaga gatggcagaa gattttttca tttaatgtct ggggtaaaaa tgcaactttt 1020
tggaacaagg ctttctttac cattatcatc ctattgattg ttctattttc agatgctgtg 1080
agagaagtaa ggaaatattc ctcagttcat accattgaga agagctccac cagcagacct 1140
gatgcctatg aacacacaca gatgaaactt tttaggtctc aaagaaatct ttacatttct 1200

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ggattttccc	tatttttttg	gctagttttg	agacgtctgg	ttacgcttat	tactcaactg	1260
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gccaaaaaat	ttatggaaga	aaacgaaaaa	ctaaaaagga	ttttgaaaag	ccatggtaaa	1380
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taatggcatt	atcaaaaatc	ttgatgatgt	ttcagatata	ttgcaaagtc	tgtattccag	1800
ctcttaagaa	aaatataagc	atgttaaata	ccatattttac	atattgataa	tgtcattggg	1860
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gatgt						1925

<210> 8019
 <211> 1135
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1081)...(831)
 <223> similar to gi4008447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8019	
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aaaaatttta	ccttcccccc
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atcccagccc	ttgtctcttc
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tgaatccccg	gccacgggca
gggcacgggt	ctggtgagga
tgtccaggat	gtcaggaaaac
tggggggcca	ggggctgcag
caggccccct	aggcccagga
caccccagtg	acacgtgcag
acacccacta	cacacacaca
agcccaggac	ccacaccctg
tccacagtac	gccccctgga
tcgcaggcgt	ctatccaatc
gtctggaatt	cctctaggca
attttcacat	cacaggattt
gtgcctgtca	tcttcttctt
gcagggtggat	gagccttctc
cccccggaatt	taatttttggg
cccctaaaaa	gggccccccct
tggtgattgac	agctgtcccc
aaacggggctt	cctgggttacc
gacctgggga	acggcggtctt
gcgggaagtc	cagttgagat
agcctctagt	gggttccct
gggagccaga	gccccaaaggc
ggagccaagt	gagatcagtt
tgtgagcaca	cactcacggc
ccacactcac	tcacacccac
cacacacaca	cacacacaca
accagaaccg	aacagctgga
gtcgctactg	attggccgcc
ctgacagata	cgttatgggc
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ctcgtgccac	ctagt

<210> 8020
 <211> 5421
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (691)...(2572)
 <223> similar to gi3882155 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8020

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gcacagctgg	aggatcgtgg	gagcaggaag	gggacagggtg	gcccattctgg	tgacactgct	180
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aacgtagaga	ccatcaagtg	cgttgtgggtg	ggggacaacg	ccgtgggtaa	gaccaggctc	480
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cccacagtat	gggccatcga	ccaatatcgt	gtgtgccagg	aggtgctgga	acgctcccga	600
gacgtggtag	atgatgtcag	cgtctctctg	cgctctgagg	acacctttgg	agaccaccac	660
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agacaaaaac	cacacctctt	tttatataag	gtttcatatt	taatttgggt	atggattcat	5280
aaatacataa	gtattttgta	cacaaaaaaa	aaaaaaagg	gcggccgttt	ttaaaggaccc	5340
ttgggggggg	ccaagtttac	ccgggcatgc	agaggaatag	ttctctcctt	ataggagacc	5400
gaattaaaac	gcaactggga	a				5421

<210> 8021
 <211> 1205
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(557)

<223> similar to gi2760606 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8021

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acatccgggg	caaactggtg	tcgctggaga	agtaccgcgg	atcgggtgtcc	ctggtgggtga	180
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gagacctggg	ccccaccac	ttcaacgtgc	tcgccttccc	ctgcaaccag	tttggccaac	300
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tggcccagac	ttctgggaag	gagcccacct	ggaacttctg	gaagtaccta	gtagccccag	480
atggaaaagg	ggtaggggct	tgggacccaa	ctgtgtcagt	ggaggagggtc	agaccccaga	540
tcacagcgct	cgtgaggaag	ctcatcctac	tgaagcgaga	agacttataa	ccaccgcgtc	600
tcctcctcca	ccacctcatc	ccgcccacct	gtgtggggct	gaccaatgca	aactcaaattg	660
gtgcttcaaa	gggagagacc	cactgactct	ccttccttta	ctcttatgcc	attggtccca	720
tcattcttgt	gggggaaaaa	ttctagtatt	ttgattat	gaatcttaca	gcaacaaata	780
ggaactcctg	gccaatgaga	gctcttgacc	agtgaatcac	cagccgatac	gaacgtcttg	840
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gtgaaagtgc	ctaggcagtg	ccagccaaat	aggaggcatt	caatgaacat	tttttgcata	1020
taaaacaaaa	aataacttgt	tatcaataaa	aacttgcatc	caacatgaat	ttccagccga	1080
tgataatcca	ggccaaaggt	ttagttgttg	ttatttcctc	tgtattat	tcttcattac	1140
aaaagaaatg	caagttcatt	gtaacaatcc	aaacaatacc	tcacgatata	aaaaaaaaagt	1200
cgacg						1205

<210> 8022

<211> 2116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2117)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (678)...(1333)

<223> similar to gil293835 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8022
cggacgcgtg ggctggaaca aacatggccg ctctggcgcc cgctcggtcc cccgcctccc      60
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tggccgagcc  tggcctgggc cgcgtccatc acctggcact caaggatgat gtgaggcata      180
aagttcatct  gaacaccttt ggcttcttca aggatgggta catggtggtg aatgtcagta      240
gcctctcact  gaatgagcct gaagacaagg atgtgactat tggatttagc ctagaccgta      300
caaagaatga  tggcttttct tcttacctgg atgaagatgt gaattactgt attttaaaga      360
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tccttgggtc  gagccaggag cctaattgta accctgcttc agcaggcaac cagaccaga      540
agacacaaga  tgggtggaag tctaaaagaa gtacagtgga ttcaaaggcc atgggagaga      600
aatccttttc  tgttcataat aatggtgggg cagtgtcatt tcagttttct tttaacatca      660
gcaactgatga ccaagaaggc ctttacagtc tttattttca taaatgcctt ggaaaagaat      720
tgccaagtga  caagtttaca ttcagccttg atattgagat cacagagaag aatcctgaca      780
gctacctctc  agcaggagaa attcctctcc ccaaattata catctcaatg gcctttttct      840
tctttctttc  tgggaccatc tggattcata tccttcgaaa acgacggaat gatgtattta      900
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caattgacta  ccactacatc tcctcccagg gcttccttat cgaaggctgg gctgttgtgt      1020
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tgatattgaa  atggttgtgc cttttatagc ctttttgcac ctccttgact ttccagtcac      1860
gcctcctaaa  tcagaagaaa agctgcaaag aaaatgtttt gtgtggttct gggcttattt      1920
gaataatgtt  catgaccaca ggctgccata gcacaagtga gaatttcaga ccacaagggt      1980
ttaaggagca  gtgctctctt ctctcaaagc tcagaacggt ctctggatcc atggtatcgt      2040
acaccagtg  tggatattaa cattctttta tgcaggttat gaataataaa taaaacaggt      2100
ttttgctaata aaaaaa                                2116

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<210> 8023
<211> 2253
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2254)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (150)...(1257)
<223> similar to gi5360269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```


<400>	8023					
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gccccggccc	cgccaacgct	gccgccggga	tgtccagac	cttgatgat	tacttctggt	180
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tcgttcgata	cttctttgag	ctgtacgtgg	ctacaccact	ggctgccttc	ttgaacataa	360
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gccgccagg	agcgcgttg	ttccgctgcc	gccgcaacca	ggaccggccc	agtctcctca	540
agaagtccg	agaagccagc	tggagattca	cattttacct	gattgccttc	attgccggca	600
tggcgtcat	tgtggataaa	ccctggttct	atgacatgaa	gaaagtttg	gagggatata	660
ccatacagag	cactatccct	tcccagatt	ggtactacat	gattgaactt	tccttctact	720
ggtccctgct	cttcagcatt	gcctctgatg	tcaagcgaaa	ggatttcaag	gaacagatca	780
tccaccatgt	ggccaccatc	atttctcatca	gcttttctctg	gtttgccaat	tacatccgag	840
ctgggactct	aatcatggct	ctgcatgact	cttccgatta	cctgctggag	tcagccaaga	900
tgtttaacta	cgcgggatgg	aagaacacct	gcaacaacat	cttcacgtc	ttcgccattg	960
tttttatcat	cacccgactg	gtcatcctgc	ccttctggat	cttgcattgc	acctgggtgt	1020
accactgga	gctctatcct	gccttctttg	gctattactt	cttcaattcc	atgatgggag	1080
ttctacagct	gctgcatatc	ttctgggcct	acctcatttt	gcgcatggcc	cacaagttca	1140
taactggaaa	gctggtagaa	gatgaacgca	gtgaccggga	agaaacagag	agctcagagg	1200
gggaggaggc	tgcagctggg	ggaggagcaa	agagccggcc	cctagccaat	ggccacccca	1260
tcctcaataa	caaccatcgt	aagaatgact	gaaccattat	tccagctgcc	tcacagatta	1320
atgcataaag	ccaaggaact	accccgctcc	ctgcgtata	gggtcacttt	aagctctggg	1380
gaaaaaggag	aaagtgagag	gagagttctc	tgcatectcc	ctccttgctt	gtcaccagct	1440
tgcctttaa	ccaaattcta	accagcctat	ccccaggtag	ggggacgttg	gttatattct	1500
gttagagggg	gacggtcgta	ttttcctccc	taccgcgcaa	gtcatccttt	ctactgcttt	1560
tgaggccctc	cctcagctct	ctgtgggtag	gggttacaat	tcacattcct	tattctgaga	1620
atttgcccc	agctgtttgc	ctttgactcc	ctgacctcca	gagccagggt	tgtgccttat	1680
tgtcccatct	gtgggcctca	ttctgccaaa	gctggaccaa	ggctaacctt	tctaagctcc	1740
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attgagggta	ggaggagggt	gcacataacc	cttaccctac	ctctgccaaa	aagtgggggc	1860
tgtactgggg	actgctcgga	tgatctttct	tagtgctact	tctttcagct	gtccctgtag	1920
cgacaggtct	aagatctgac	tgcctccttt	ctctggcctc	ttcccccttc	cctcttctct	1980
tcagctaggc	tagctggttt	ggagtagaat	ggcaactaat	tctaattttt	atttattaaa	2040
tatttggggt	tttggtttta	aagccagaat	tacggctagc	acctagcatt	tcagcagagg	2100
gaccatttta	gaccaaaatg	tactgtttaat	gggttttttt	ttaaaattaa	aagattaaat	2160
aaaaaatatt	aaataaaaaca	tggcaataag	tgtcagacta	ttaggaattg	agaagggggn	2220
tcaactaaat	aaacgaagag	agtctttctt	aaa			2253

```
<210> 8024
<211> 1617
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1555)...(1146)
<223> similar to gi3805938 in the genepept database release 114.
```

Run with FASTXY 3.3t00, default parameters

<400> 8024

atttgaaaga	tggatgaatc	ttgggtagaa	gtgtgcagag	ggaagcagtg	tgagcagagt	60
gggaaagtgt	gaggagagcc	gtgaggagt	tgggtgttgt	ggagagggga	ggaagacatc	120
ttgtggggaa	ggtcgggagg	gttagagcat	agacttcctc	cagaggccag	gagaccatcg	180
gaggccagga	gatcatcggc	gagtgtggca	gggaaagggc	ctgttgaact	gactttccca	240
cttgccctttt	cgttgagaag	gagagtaaag	gccacgcctg	tcccatggct	gtttttaagt	300
ctcgagtgtg	gagattgttg	gtcgtggagg	gaggggtgtt	gcctctgcct	gaatccctgg	360
gggtctcactg	tattcacttt	tttctctcct	ttcagaatat	tccccaagc	actgagatac	420
taaagaaatt	gatgacaaca	aatgagattc	agagtaacat	ttatacatga	tcttaaacad	480
tgtttttag	tgtatattac	ttgtccattc	ctttaagggg	agcagcctgc	actcttttgt	540
agattacttt	tgggggatat	atgttgagaa	tgatgaaacg	gaataaaatt	gtaaaaaact	600
aaaagtaatc	tacaaaaagg	agtgcaggct	gcttccccct	taaagggaat	ggacaagtaa	660
tatacactac	caaaacaatg	tttaagatca	tgtataaatg	ttactctgaa	tctcatttgt	720
tgtcatcaat	ttcttttagta	tctcagtgtc	ttggggaata	ttcttaacca	aacccttcaa	780
gcttctggta	gaaagtatat	gcttaaaagc	ttccactgtg	attaggtcta	atttcatcac	840
atcagtataa	cacaagtaca	gaattgtctg	gattttccat	acttgacagt	agcttagaac	900
tgtctcagga	aggctcgtgt	ctatatccgg	ttgttctagc	aatggacaac	acgccgagtc	960
tttgaaattc	tgtgttttta	gggctctcag	gaaaggagaa	ggaaggctgc	cgggtggattc	1020
tgagggtttta	taatcggtaa	catgtcgaca	tgtgagaata	gttatctgca	tgttcttcct	1080
tggacaagag	ccaaaaacct	tttccagcca	ctgatactgt	tgatcttctg	caacatagca	1140
actgcactga	cagagaaaaa	ccgagggatt	ggatttttaga	tgataaaaaca	cacaaaaagc	1200
ctctgtggag	gacagatgtg	tagtgtctgt	tgttctacac	cattcattcc	agagttagc	1260
acaaccaact	tcctcccgag	ctcctgaatt	cataacaaat	gatgacagaa	atgctactgc	1320
attatttctc	atagcaatta	taaacttgga	gcacggatat	ttttctagca	aagaaacttc	1380
caaagatgtt	tttgtttgtc	ttcgaaggag	ccgcacttcc	ctcttccgag	ccagctgcag	1440
acgcacctcc	ctgtctcagg	gcgtctccct	ccgccccctc	tcctcctcct	cttcgtcctc	1500
agtcccagct	cggcacggcg	ccttcaccac	ctctccgaag	aacgtggccg	ccatagccgc	1560
cccgtgaccg	gctggacaca	actgcagcgc	cgcgggaccg	cacgccgctt	gcgcgag	1617

<210> 8025

<211> 1323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (208)...(589)

<223> similar to gi4200232 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8025

gcagcctccg	ccccctcaac	cttcgcgggg	cgcgggcccgc	agcttttccg	ttcacagcgg	60
gcagggaaag	ccgcgggaag	ggtactccag	gcgagaggcg	gacgcgagtc	gtcgtggcag	120
gaaaagtgac	tagctccctc	tcgttgtcag	ccagggacga	gaacacagcc	acgctcccac	180
ccggctgcc	acgatccctc	ggcggcgatg	tggcgcggcg	gtgcccagag	cctgcggggc	240

acctaccacc	ggctcctcga	taaagtggag	ctgatgctgc	ccgagaaatt	gaggccgttg	300
tacaaccatc	cagcaggtcc	cagaacagtt	ttcttctggg	ctccaattat	gaaatggggg	360
ttggtgtgtg	ctggattggc	tgatatggcc	agacctgcag	aaaaacttag	cacagctcaa	420
tctgctgttt	tgatggctac	agggtttatt	tgggtcaagat	actcacttgt	aattattcca	480
aaaaattgga	gtctgtttgc	tgtaaatttc	tttgtggggg	cagcaggagc	ctctcagctt	540
tttcgtattt	ggagatataa	ccaagaacta	aaagctaaag	cacacaaata	aaagagttcc	600
tgatcacctg	aacaatctag	atgtggacaa	aaccattggg	acctagttta	ttatttggtt	660
attgataaag	caaagctaac	tgtgtgttta	gaaggcactg	taactggtag	ctagttcttg	720
attcaataga	aaaatacagc	aaacttttaa	taacagtctc	tctacatgac	ttaaggaact	780
tatctatgga	tattagtaac	atttttctac	catttgtccg	taataaacca	tacttgctcg	840
tatatacccc	ctgcctcctt	ctgttccagt	cagccaacat	atgtacataa	aagaacacac	900
aaattcaaga	agttggaaga	ttaaattatc	tgcttattta	gtgtaggatg	gtcaggtagc	960
tagctataag	tgaaaggaaa	ttttgctgaa	gagactgaga	aatgggtagt	ggaatgacta	1020
tcaagatgac	ctcaactat	ttaaaaacat	tttaacttgc	catgaagaat	cttgatgatt	1080
tttgataaaa	tgttgataaa	aattctttta	cagctacaga	tttttaaata	ggatcattgt	1140
aaagattaat	gagataatgt	tttaacatag	tgcttgggtc	atgataagt	ttaaattttt	1200
caattaccct	cagtaactga	taatgtagca	gaaaatactc	tatattcaga	cagacctgaa	1260
tttgaatccc	agctctatga	cttatctgtt	gtgacttttt	cttttttttt	ttgacacggg	1320
gcc						1323

<210> 8026

<211> 1490

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (117)...(665)

<223> similar to gi4927226 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8026

cctggagcca	cacagggatc	cggagcctgg	gggaaaagcg	gcgcgggagc	cggcacccac	60
cgctggaggg	gcggcgacgg	cggcgctagc	gacctcgggg	ggcaagcggg	gccgccatgg	120
ccgagttccc	gtcgaaagtt	agcacgcgga	ccagcagtc	tgcgcagggc	gccgaagcct	180
cggtgtcggc	gctgcgcccg	gacctgggct	tcgctgcgct	ccgcctcggg	gcgctcatgc	240
tgtatccggc	ctatggtctg	gtgatgttgc	tgcgtgtctt	cctctggctg	gtgacaatcg	300
tcctcttcaa	cctctacctg	tttcagctgc	acatgaagtt	gtacatgggt	ccctggccac	360
tggtgttaat	gatctttaac	atcagcgcca	ccgttctcta	catcacgcgc	ttcatcgctt	420
gctctgcggc	agttgacctg	acatccctga	ggggcacccg	gccttataac	cagcgcgcg	480
ctgcctcggt	ctttgcgtgt	ttggtgatga	tgcctatagg	agtgagtgcc	ttcttcagct	540
accaggcctg	gcgaggagta	ggcagcaatg	cggccaccag	tcagatggct	ggcggctatg	600
cctaaaccac	ctgtgccacg	gccccctctg	gggtgaagc	cgccgctggg	tcacagagca	660
gggtcaccct	gcaagcctga	agctggggag	ccctgcgtgg	agtcagccca	acagggactg	720
catttgctcc	tctctgccc	tcagacataa	gctctcacag	cgctaaggaa	gcaggcccag	780
gctggcaggc	atctcggtt	gcaggaggcc	aactgctgag	acctcttctc	catccccctt	840
attcagtgga	agatgacggg	ggatctgagg	ctgtgtctct	gccttgtctt	tagaggactt	900
cagcgtccaa	gactggggcc	cacccttctc	accagcacta	aatgcactaa	caaggactcc	960
agacctgcag	ccccagaccc	gccgtagtat	aagcctaaca	agcaacacgt	agcaccttag	1020
						1080

tctttgttcc	aggagagctg	agcaagctgg	tgaaccact	ctccttcctt	taaacaccgt	1140
ttcaaccaac	ctctccctgg	agccaacctg	taaaaagtgg	gttgattgct	gacagcatgg	1200
tcttccctcc	ctgcatttca	gacataccag	ttactgaaag	caaatcagtt	ttaagtgttt	1260
tctcagtgtc	gaaaagcctg	tccaggtttc	cttccctttc	ccaagcctct	ctctgtaata	1320
ctcccttttg	gcgaagctaa	catcggtgcc	tccccgacct	tgctgactag	gcacatggga	1380
cgcaaaggag	ggagggaagc	aaggccttgc	ctggcgagtt	gtcatgtggt	tgggtggtgac	1440
tgttttattt	tttttaataa	aaataaagat	gagagaaatt	aaaaaaaaaa		1490

<210> 8027

<211> 2130

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1801)...(250)

<223> similar to gi4490304 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8027

tttttttttt	ttgggctaga	ggtttgggct	ttaatggcag	ctggggtaaa	aggaaacaaa	60
aacagtaatt	ctgaagagca	cagggaacag	gcagccagga	ccagcctggc	ccattccagg	120
ccagctgagc	tgaatgtctg	attctgtcca	gggggctgct	gtatgtgtag	actggtggca	180
gtcttgggga	ctgaggcctc	ttggagagaa	gggaagactg	tcggctcaga	agtccatgga	240
gctgtggggc	aggtagtcct	tgcgaccgat	gttctgtacc	tgcttgggtc	gcatagcctc	300
gagtttgggg	cagtcagtga	tccgatgacc	caggcccccg	cagaaggcac	agccgcgctc	360
tcctccaatg	tccagcatgg	actcatcccc	gcaatgcagc	acctgcagca	cgggcggcac	420
cttctgcttg	gcttctagca	gcagcgcttt	gaggtccatc	agcactgact	catcacacgc	480
tttgttgatg	aaggtagtgg	cgatgcctgt	gtttcccgag	cgcccgggtg	ggccaatccg	540
gtgtacatag	ttctcaatct	cctctggcat	gtcataattg	atgacgtgct	ggatggcagg	600
gaagtccagg	cccttggagg	caacgtctgt	ggctactagg	acatccttct	tgccctcccc	660
gaatgcctcg	atggccttag	tccgttcctc	ctggtctttg	cccccatgga	tggttacggc	720
ctcaaccccc	ttgagcagca	ggtactcgtg	gatggcgctc	acgtctgcct	tcttctctgc	780
aaagatgagt	acaggcgggg	gtgtcttctg	caggcactcg	agcaggatca	ccatcttggc	840
ctcctccttc	acataattcta	cctcctggat	gacatccagg	ctggcagccc	cagcgcgccc	900
cacattgatg	gtcacaggct	ttacaagggc	actcttagca	aagttctgaa	tcttcttcgg	960
catggtggca	ctgaagagca	gggtctgtcg	ctggcccttg	aagtaggaga	agatggtacg	1020
gatgtcacc	tcgaagccca	tgtcgatcat	gcggtcagcc	tcgtccaggg	ccaggtagcg	1080
acagatgtct	aggctgacca	tcttcttctg	cagcaaattc	atgaggcgcc	ccggggtggc	1140
caccatcatg	tgtacaccgt	gtcggatggt	ctccatctgc	tctttcacgg	acatgcccc	1200
aatgcagagg	gcgcagcgca	ggagtgggtg	gctgtcctcc	tgacgcaggc	ggcagtagta	1260
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gccagataga	atggtgggga	tgccctggat	ctgaatgggt	gttgggtggt	gaatgccttt	1500
cttcttcagg	cctctcagga	tggtctcagg	aaacttcatt	tccttgaagc	tcttgatggg	1560
tggtgggata	ccgtctccct	ccaccaggat	gtggtatttc	ttccgcacgc	gctcatgtcg	1620
ctcttcagac	atgctcagaa	cataacgggg	tggagtccag	ctggttttga	tggggtcatc	1680
atacgtaatg	cccttagcca	tctccttcac	tgacatcaat	gctcggccct	cggcaacact	1740
ctccaggatc	ttctcttctt	ccttcagctg	cttctccttg	gcagactctt	tgcgcgcttc	1800

atctgactgc	tctcaagctc	aggctgacac	agtttaagca	cagactcctg	aaatgtgagt	1920
tgctgctgga	agtaggacaa	gagatctgcc	attttgctgt	catcatcatt	atcttcaatg	1980
tagctgtttc	caacgccatc	accatctgga	gaccgggtat	aagtaatctt	gaactctata	2040
tcaggtacaa	gttgcatagc	cctacgataa	aacttgatgg	cttcatagag	agctccattt	2100
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cggggcaggg	ggccagatcg	gggcgcgctg	gggtggcggc	ggctgccggg	gactcgggga	2640
gtggagggac	gcccgttgcc	agccgaggcg	ggggattgtg	cgagcaccgg	agcgtcagcc	2700
ctactggaga	ccccggacgc	cgcgcgggag	ctgccccctc	agctgcggaa	acctgcgccg	2760
a						2761

```

<210> 8029
<211> 1926
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1927)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1546)...(553)
<223> similar to gi5031506 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8029						
tttttttttt	ttgtgagcaa	cagagatagt	ctttatttcaa	acgcagagag	atccataaca	60
tggaaacact	gacgcttccg	aaaccgcccc	atttattcac	ttctcaagtg	gcccccgctt	120
ggatgcgccc	tcgggagagt	gggctcagca	cagcctagag	caccaggtct	gaggtatctg	180
caaccacgtg	ggagccaggc	ccctggacga	tgaaggacaa	tctcctggag	cagcaataac	240
ttataaggag	acataattta	gagtagctgg	agccttgggg	atgactttat	cctgcaggag	300
gaggaggctg	agagcagacg	ggacacgggg	gcccctaaga	agcaaggttg	ggaaaggagg	360
aggctgtttc	ccaatgcccc	tgccggccac	cagagggccc	ttcagtgcag	agatggtcgg	420
cgcggcctca	ccgcggtcag	gagcagcgcg	aaacccccctg	tgccctcggc	cgctgcagc	480
atgagcctgc	acaggagccc	ccgacacccc	atggctccgg	ggggccccag	gggctgcggg	540
gctctggtct	tagacgcagt	tatcagggac	gcactcagcc	tcttcttcga	gctcggggca	600
ggggctcccc	ttgttggcgg	gctggacccc	gacgtagcga	gtcctgctct	tggtcccagag	660
cctcccacag	tggcctccgc	acagtcccca	ggacgaccac	aggagacct	cgcagtcacg	720
cggcgtttct	ggaactgagg	cgctgtctac	aatctcattg	tcctgctgg	gcaggactgg	780
ggcgggaggg	atgaaggccc	tggggctctg	tcgcagccgc	agcagtgtca	ccctggcgat	840
gggaggcagg	gccttcagcc	gcgggtagta	gaaggagttg	gccgggtggc	tgggagagga	900
ggacgttatc	tcggtcaccg	tgtcctgcgg	gatggtggcg	aagttggggg	aggagaaggt	960

```

gaagccgctg tccgtcccgg cgtcgtaggg gtacaggtcc agcggccgct gttcccgcga 1020
acgggtccccg tcgcacaggt ccaggctgtc cacgcccacg aaccagtcgg ggctgggcac 1080
gatgcgacc acaaacgaga ccagcgagtg cctgcgctgc acctccagct ccgcccagct 1140
ctgcccgggtg ccgctgggga cggcgggcgc cgaaaacacc gcgtgcacgc tctgcagcgc 1200
ctcccccgcc gcctcgatct ccttcacag cgcccaggcc tcgcccgcgt ccgcaaagtc 1260
gcgagcccg ttactgacgt actggttctt cctccacatg ctgtagtcgg agctatgcgc 1320
ggcccccagc agcgaagacc actgcgcagg ggggcggaac aggggggtact gcttggggaa 1380
ggccgtctgg ctccacttgc ccgtgaaggt gatgctgtat ttggccgggg ctctggcgga 1440
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gcagaggggc ttgcccaggg cggcgggcgg gctgggggtt tccatcaccc ggaggagca 1560
gcgggagcgc ggccggcagc ggtcgggtcc cagccagagc ccggagctcc tatttaagcc 1620
cgaggccggc gccccgggccc ggccaatgag gctccagttc ctctgtctt cgatgtgca 1680
cggcctggcc tccagcgaga ggcagatagg acgtgggaga aaggaggaga aggggctgcg 1740
ggggcgggcg gggtgcccgc tttcccaact cgccctgccc agcgaccttc ccgggtcgg 1800
atcacctct tcccctggca gtgtgcccgc acccctttct ttgtctgtct gtccatccc 1860
tcctctgtgc caagcttggc gtagtcagg gaagactgta tcgagttcaa annnnnnccc 1920
ctgctc 1926

```

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<210> 8030
<211> 1749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1625)...(299)
<223> similar to gi5734486 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8030
cgcgtttttt tttttttccc ccccccaaaa aaagggggttt tttttccccc catttttttt 60
tttttccccc cgtttttttc cccccccctt ttttttaaaa cccccccccc aaaaattttt 120
tttggtcccc aaaaaaaaaa aaattttttc ccccccccg cccaaaaaat tttttttttt 180
taaaaggccc cccccctttt tttttttttt tttttttttt tttttttttt tttttttttt 240
tatcagctag aagagatttt tttattgaag ggcgagtcct cggcatctga tggcagctac 300
aactggatct cacggaacgc ccgcttctcc accagcttca ccttgtactt gcgtttgaac 360
ttggctctct ctcgaggctc gatcatattc ctctctgga agctcttgaa ccggtctcga 420
aggatgttgc cctcgggctt cagggtcctg agcgagtcct tcagctccga gctcagctgc 480
acgtcgatgt cagggtgcctg gtacttgagc cgccccagcc ttcggggctt gtcagcctca 540
gcctcccgcc gcgcctgcgc ccgcctctgc cgccgcgcca gctccgccag cctcagggcc 600
acctgggcct tgatcccgcg cagccggaac agctcctggt gccggagccg ggcgggccgc 660
aacgggcct gctgtaccgc cagcctgtgc acagccttct ccgcccgcgc ctgctgctcc 720
gtcttcttct ctgtggtggc caggcgggcg ggcgtgggac agacctcggc atccccagcc 780
tccggccccc cgccctggcc tggctcccc tcaccatccg actcctccag cagcccctcg 840
cacagctcct ggaatgtgga ctcttggtg gcggcctgct ccgtggcggg cagggccagc 900
tgccgtcca gcttctccgc ctcttctgct cgctgcaact ccacctcgtg ggccgctgag 960
agcagggtct ggtggtcttc aaaggatgga ttgtaggaag ctccggcagg cgccacctcc 1020
acggcgggcg cctgggacgc cttggtgtgc aggcgtgctg gccgcttcac tcctttcttc 1080
ttggtctgct ccaggaaaaa ctcatcctgg ccaaccaacg gcctgtccag ggggttgtct 1140
gaggcccaga ggtcgtagaa gggccgctct acggtgtcct ggggcccggg cttggccctt 1200

```


tgttttgggg tttgccca

1638

<210> 8032
<211> 2254
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (355)...(2006)
<223> similar to gi2765229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8032

ttgccaaagt	tggcacgagg	gcgctgagct	gcagtgtctg	gtcgagagta	cccgtgggag	60
cgtcgcgccg	cggaggcagc	cgccccggcg	taggtggcgt	ggccgaccgg	acccccaaact	120
ggcgccctctc	cccgcgcggg	gtcccagact	aggagatggg	aggcacagct	cgtgggcctg	180
ggcggaaagga	tgcggggccg	cctggggccg	ggctcccggc	ccagcagcgg	agtgggtggag	240
ccacagtgtt	aaagaacaga	gaagtgatcc	ttaatcattt	agaattttgc	ctccaccatc	300
caccagaaaa	tgaagtggaa	agagaagttg	ggggatggtg	tctatgacac	cttcatgatg	360
atagatgaaa	ccaaatgtcc	cccctgttca	aatgtactct	gcaatccttc	tgaaccacct	420
ccaccagaaa	gactaaatat	gaccactgag	cagttttacag	gagatcatac	tcagcacttt	480
ttggatggag	gtgagatgaa	ggtagaacag	ctgtttcaag	aatttggcaa	cagaaaatcc	540
aatactattc	agtcagatgg	catcagtgac	tctgaaaaat	gctctcctac	tgtttctcag	600
ggtaaaagtt	cagattgctt	gaatacagta	aaatccaaca	gttcatccaa	ggcaccctaa	660
gtggtgcctc	tgactccaga	acaagccctg	aagcaatata	aacaccacct	cactgcctat	720
gagaaaactg	aaataattaa	ttatccagaa	atttactttg	taggtccaaa	tgccaagaaa	780
agacatggag	ttattggtgg	tccaataaat	ggagggtatg	atgatgcaga	tggggcctat	840
attcatgtac	ctcgagacca	tctagcttat	cgatatgagg	tgctgaaaat	tattggcaag	900
gggagttttg	ggcaggtggc	caggggtctat	gatcacaaac	ttcgacagta	cgtggcccta	960
aaaatggtgc	gcaatgagaa	gcgctttcat	cgtcaagcag	ctgaggagat	ccggattttg	1020
gagcatctta	agaaacagga	taaaactggt	agtatgaacg	ttatccacat	gctggaaagt	1080
ttcacattcc	ggaaccatgt	ttgcatggcc	tttgaattgc	tgagcataga	cctttatgag	1140
ctgattaaaa	aaaataagtt	tcagggtttt	agcgtccagt	tggtacgcaa	gtttgcccag	1200
tccatcttgc	aatctttgga	tgccctccac	aaaaataaga	ttattcactg	cgatctgaag	1260
ccagaaaaca	ttctcctgaa	acaccacggg	cgcagttcaa	ccaaggtcat	tgactttggg	1320
tccagctgtt	tcgagtacca	gaagctctac	acatatatcc	agtctcgggt	ctacagagct	1380
ccagaaatca	tcttaggaag	ccgctacagc	acaccaattg	acatatggag	ttttggctgc	1440
atccttgtag	aacttttaac	aggacagcct	ctcttccctg	gagaggatga	aggagaccag	1500
ttggcctgca	tgatggagct	tctagggatg	ccaccaccaa	aacttctgga	gcaatccaaa	1560
cgtgccaagt	actttattaa	ttccaagggc	ataccccgct	actgctctgt	gactaccag	1620
gcagatggga	gggttgtgct	tgtggggggt	cgctcacgta	ggggtaaaaa	gcgggggtccc	1680
ccaggcagca	aagactgggg	gacagcactg	aaaggggtgtg	atgactactt	gtttatagag	1740
ttcttgaaaa	ggtgtcttca	ctgggacccc	tctgcccgct	tgaccccagc	tcaagcatta	1800
agacaccctt	ggattagcaa	gtctgtcccc	agacctctca	ccaccataga	caaggtgtca	1860
gggaaacggg	tagttaatcc	tgcaagtgtc	ttccagggat	tgggttctaa	gctgcctcca	1920
gttgttgga	tagccaataa	gcttaaagct	aacttaatgt	cagaaaccaa	tggtagtata	1980
cccctatgca	gtgtattgcc	caaaactgat	tagcctagtg	gacagagata	tgcccagaga	2040
tgcatatgtg	tatatTTTTA	tgatcttaca	aacctgcaaa	tggaaaaaat	gcaagcccat	2100
tgggtggatgt	ttttgttaga	gtagactttt	tttaaacaa	acaaaacatt	tttatatgat	2160

tataaaagaa	ttcttcaagg	gctaattacc	taaccagctt	gtattggcca	tctggaatat	2220
gcattaaatg	actttttata	ggtcaaaaaa	aaaa			2254

```

<210> 8033
<211> 981
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (306)...(849)
<223> similar to gil88543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

004460" 5228460

<400> 8033						
gaccctgcag	aggcggcggg	gtctctctct	ccgtctctcc	tcggcctccc	cttcggggcgc	60
tctcgcgcta	actgtgctcc	tccggggccc	tccgcctgct	cccagccatg	gtggcctggc	120
gctcggcggt	ccttgctctgc	ctcgttttct	ccttgggccac	cctgggtccag	cgaggatctg	180
gggactttga	tgattttaac	ctggaggatg	cagtgaaga	aacttcctca	gtaaagcagc	240
catgggacca	caccaccacc	accacaacca	ataggccagg	aaccaccaga	gctccggcaa	300
aacctccagg	tagtggattg	gacttggtctg	atgctttgga	tgatcaagat	gatggccgca	360
ggaaaccggg	tataggagga	agagagagat	ggaaccatgt	aaccaccacg	accaagaggc	420
cagtaaccac	cagagctcca	gcaaatactt	taggaaatga	ttttgacttg	gctgatgcc	480
tggatgatcg	aatgatcg	gatgatggcc	gcaggaaacc	aattgctgga	ggaggagggt	540
tttcagacaa	ggatcttgaa	gacatagtag	ggggtggaga	atacaaacct	gacaagggta	600
aaggtgatgg	cgggtacggc	agcaatgacg	accctggatc	tggcatggtg	gcagagcctg	660
gcaccattgc	cgggggtggc	agcgccctgg	ccatggccct	catcggtgcc	gtctccagct	720
acatctccta	ccagcagaag	aagttctgct	tcagcattca	gcagggtctc	aacgcagact	780
acgtgaagg	agagaacctg	gaagccgtgg	tatgtgagga	acccaagtg	aaatactcca	840
cgttgacac	gcagtctgca	gagccgccgc	cgcgcgccga	accagcccgg	atctgagggc	900
cctgtccagc	tgaggcatg	cacaatgggt	ccaccgcttg	tcaccgggt	ccccccaccc	960
cttcatttgg	accgcagct	g				981

```

<210> 8034
<211> 1834
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (60)...(1513)
<223> similar to gi2443870 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	8034					
cattgagaac	tgtaggaccc	gcttacgcca	agcttggcac	gaggcaagcg	gccacaagga	60
tggcaggctt	cgcggaagctc	gggctgtcat	cgtggctcgt	ggaacaatgt	cggcagctgg	120
gtttgaagca	gcccacgccc	gtgcagctcg	gctgcattccc	cgccattcctg	gagggtcgag	180
actgcttggg	ctgtgctaag	acaggcagtg	ggaagacagc	agcgtttgtc	cttccccatct	240
tgcagaagct	gtctgaggat	ccctatggca	tcttctgcct	cgtcctgaca	cccaccaggg	300
agctggccta	ccagatcgca	gagcagttcc	gggtcctggg	gaagcctcta	gggctgaaag	360
actgcatcat	cgtcggtggc	atggacatgg	tggcccaggc	gctggagctc	tctcggaaac	420
cacacgtggt	catcgccacg	ccggggcgcc	tggcagatca	cctgcgcagc	tccaacactt	480
ttagtataaa	gaagatccgc	ttcctgggtga	tggatgaggc	agaccggctg	ctggaacagg	540
gctgcaactga	cttcaccgtg	gacctggagg	ccatcctggc	ggctgtgccg	gcccgcaggc	600
agacactgct	gttcagcgcc	acgctgacgg	acacactccg	ggagctgcag	ggtctggcca	660
ccaaccagcc	cttcttctgg	gaagcacagg	ccccggtgag	caccgtggag	cagctggacc	720
agcgctacct	gctggtgcct	gagaaggtca	aggacgccta	cctggtccac	ctgatccagc	780
gcttcaggga	tgagcacgag	gactgggtcca	ttatcatctt	caccaacacg	tgcaagacct	840
gccagattct	gtgcatgatg	ctgcgcaaat	tcagcttccc	caccgtggct	ctgcaactcca	900
tgatgaagca	gaaagaacgc	tttgccgccc	tagccaagtt	caagtccagc	atctaccgga	960
tcttgatcgc	aacagacgtg	gcctcccggg	gcctggacat	ccctacggta	cagggtggtca	1020
tcaaccacaa	cacccccggg	ctccccaaaga	tctacatcca	ccgagtcggc	cggacggccc	1080
gtgcaggggcg	gcagggtcag	gccatcacgc	tgggtgacaca	gtacgacatc	cacctggtgc	1140
acgccatcga	ggagcagatc	aagaagaagc	tggaggagtt	ctccgtggaa	gaggccgagg	1200
tgctacagat	cctcacacag	gtcaacgtgg	tgcgaagaga	gtgtgagatc	aaactggagg	1260
cggcccactt	tgacgaaaag	aaggagatca	acaaacggaa	gcagctgatc	ctggagggga	1320
aggaccctga	cctggaggcc	aagcgcaagg	ctgagctggc	caagatcaag	cagaagaacc	1380
ggcgcttcaa	ggagaaggtg	gaggagacgc	tgaagcgaca	gaaggctggc	agggctggcc	1440
acaaggggcg	tccaccagag	acaccgtctg	ggtcccactc	aggcccagtc	ccctcccagg	1500
gcttggtctg	agccccacac	ggccatctgc	ccagtccttg	actcgtccat	ggagctgagg	1560
gcgagaggaa	cttctcttgg	gggcagcagc	ccttcccggg	ggcctaccca	gtgccccaca	1620
tgcagaacccg	tgggcgctcg	tgttgtgcgg	gcctgtctcc	tctgccccga	aaccactggc	1680
tggtcccttc	cctgagccct	ggccaagatt	caggctgcag	gggaagaaag	aactgacctg	1740
ggagggttgtg	acccaaccc	aaggtcaccc	cccaggggtg	ccgcatacag	gaggtgctta	1800
ataaacgggt	cttttgactt	cctcaaaaaa	aaaa			1834

```
<210> 8035
<211> 1135
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1079)...(553)
<223> similar to gi3779197 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8035						
accttagagt	tcttggccag	agttgactct	aggtagtgat	gtgattttct	tgggatgttt	60
ttctaaatat	tcttttatgc	taaagcacat	ggcttgatac	ttctgttgat	taagctcgtg	120
tctacttaca	gtcatctagt	gagaacctgt	gggtgtggtga	gatgataact	tgggtctttgg	180
tcttcatcat	ttgaactagt	tttggttttg	tcttgtccct	tccttgagca	ttttgtgtgt	240

```

gtttaatcct atttggtaaa cgaaccactg tgaaagacca agttggagaa aacagaacac 300
ccccaaaaca tttatttttt ttttttagaaa atcatggctc actatggtag tataacaatat 360
tgttttcaca catgtacact tgaaacccaaa tttctaaaac ttgttttttct taaaaaatag 420
ttgttgtaac attaaaccat aacctaataca gtgtgttcac tatgcttcca cactagccag 480
tcttctcaca cttctttttgg tttcaagtct caaggcctga cagacagaag ggcttggaga 540
tttttttttct ttacaattca gtcttcagca acttgagagc tttcttcatg ttgtcaagca 600
acagagctgt atctgcaggt tctgaagcat agagacgatt tgaatatctt ccagtgatat 660
cggctctaac tgtcagagat gggtaacaaa acataatcct ggggacatac tggccatcag 720
gagaaagggtg tttgtcagtt gtttcataaa ccagattgag gaggacaaac tgctctgcca 780
atttctggat ttcttttatt tcagcaaaaca ctttctttta agcttgactg tgtggggact 840
catccaagtg atgaataatc atcaagggtt tgttgcttgt cttggattta tatagagctt 900
cttcatatgt ctgagtcag atgagttggt caccccaacc tctggagagg gtctggggca 960
gtttgggtcg agagtccttt gtgtcctttt tggctccagg tttgactgtg gtatctcttg 1020
ccagagtgtg ggagagggcc acaaggagca agaattgctga cactggaatt ttctccatgg 1080
caactctgga tttcctcacc cacctgcctt gtgtgagtcg gcggctagga tgcgg 1135

```

```

<210> 8036
<211> 1084
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1085)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (916)...(573)
<223> similar to gi4588034 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8036
tttttttttt ttatgctcaa aagttaaatt ttatttacc tgttccactgg cccaaactta 60
aaatccttat atcacataaa gatttcatgg accgttccct ctccctgccaaaataacgta 120
ttaggaacaa attaagagta agagttgggt tttaaactgc actttatttg ttactgtaac 180
attctttttt aactgatcaa ccataagcat gcaaaaagtt ctctgaaact gcttccactg 240
cctgttgtat agaaatgggt aaattataaa ggtgattcaa tttggagctc tttccttttt 300
tatagcactt ctaagctgtg tgcgcgacac acaccacaga ggtaggaagg accaccttta 360
ataaattatc ttcttaatcg cagagaattt ctgaagataa aactgacaaa atgctaaacc 420
aaggctttga tgagtcccaa aggaccacag atccatcggc tcctatttga agaattcatc 480
ccctgtagtg ttctagcctt tgtagggcac tggattacaa gatccaccag ggctctgaac 540
aactgcgcta agaagccttc taaccactct catttgccga ttctttggac caccagtc 600
tgctggcaga gagggcagcg attgttctgt ttcaccaca gggacatgca gcagttgtgg 660
aaggaatgat tacattctcc ccagaccaca acacagtcct cttgtttgtt ttcagcttga 720
catctaagac aggcattccat cacctggacc ctgcagatgg cgcacgtatc gactccacg 780
tcccagctcc acatggccac cgcgttccac ttcttgaggg agaacatctt gtcgcctccc 840
gacttggagc ctgagctccc ggagtgaag gccaggggcg aggtttcctc tccgtcttcc 900
acgtcggcca tggcggcgcc gcggagccga cggcggagac gttggcttgg ggaaggcgga 960
aggctagggc ggctctgtgg agccgcccga cgggccacag cgcgcgccgc aggccgccag 1020

```

ccaccgtggt gcttagaccc cggctggaat tccnccgcnc tggcgagatg tctcaaggct 1080
caaa 1084

<210> 8037
<211> 2234
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(2021)
<223> similar to gi4530688 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8037
aggggacgca gcgaaaccgg ggcccgcgcc aggccagccg ggacggacgc cgatgcccgg 60
ggctgcgacg gctgcagagc gagctgccct cggaggccgg cgtggggaag atggcccagt 120
ccaccgccac ctcccctgat gggggcacca cgtttgagca cctctggagc tctctggaac 180
cagacagcac ctacttcgac ctccccagc caagccgggg gaataatgag gtggtgggcg 240
gaacgggattc cagcatggac gtcttccacc tggagggcac gactacatct gtcattggccc 300
agttcaatct gctgagcagc accatggacc agatgagcag ccgcgcggcc tcggccagcc 360
cctacacccc agagcacgcc gccagcgtgc ccacccactc gccctacgca caaccagct 420
ccaccttcga caccatgtcg ccggcgccctg tcatccctc caacaccgac taccocggac 480
cccaccactt tgaggctcact ttccagcagt ccagcacggc caagtcagcc acctggacgt 540
actccccgct cttgaagaaa ctctactgcc agatcgccaa gacatgcccc atccagatca 600
aggtgtccac cccgccaccc ccaggcactg ccattccggc catgcctgtt tacaagaaag 660
cggagcacgt gaccgacgtc gtgaaacgct gcccacaacca cgagctcggg agggacttca 720
acgaaggaca gtctgtcca gccagccacc tcatccgcgt ggaaggcaat aatctctcgc 780
agtatgtgga tgacctgtc accggcaggc agagcgtcgt ggtgccctat gagccaccac 840
aggtggggac ggaattcacc accatcctgt acaacttcac gtgtaacagc agctgtgtag 900
ggggcatgaa ccggcgggcc atcctcatca tcatcacctt ggagatgcgg gatgggcagg 960
tgctgggccc ccggtccttt gagggccgca tctgcgcctg tctggccgc gaccgaaaag 1020
ctgatgagga ccactaccgg gagcagcagg ccctgaacga gagctccgcc aagaacgggg 1080
ccgccagcaa gcgtgccttc aagcagagcc cccctgcctt ccccgccctt ggtgccgggtg 1140
tgaagaagcg gcggcatgga gacgaggaca cgtactacct tcagggtgcga ggccgggaga 1200
actttgagat cctgatgaag ctgaaagaga gcctggagct gatggagtgt gtgccgcagc 1260
cactggtgga ctctatcgg cagcagcagc agctcctaca gaggcgagc cactacagc 1320
ccccgtccta ccggcgcggtc ctctcgccca tgaacaaggt gcacgggggc atgaacaagc 1380
tgccctccgt caaccagctg gtgggcccagc ctcccccgca cagttcggca gctacacca 1440
acctggggcc cgtggggccc gggatgctca acaaccatgg ccacgcagtg ccagccaacg 1500
gcgagatgag cagcagccac agcgcaccgt ccattggtctc ggggtccac tgcaactcgc 1560
caccccccta ccacgccgac cccagcctcg tcagttttt aacaggattg ggggtgtccaa 1620
actgcatcga gtatttcacc tccaagggt tacagagcat ttaccacctg cagaacctga 1680
ccattgagga cctggggggc ctgaagatcc ccgagcagta ccgcatgacc atctggcggg 1740
gcctgcagga cctgaagcag ggccacgact acagcacgc gcagcagctg ctccgctcta 1800
gcaacgcggc caccatctcc atcggcggt caggggaact gcagcgccag cgggtcatgg 1860
aggccgtgca cttccgcgtg cgccacacca tcaccatccc caaccgcggc ggcccaggcg 1920
gcggccctga cgagtggcg gacttcggct tcgacctgcc cgactgcaag gcccgcaagc 1980
agcccatcaa ggaggagttc acggaggccg agatccactg agggcctcgc ctggctgcag 2040
cctgcgccac cgcccagaga cccaagctgc ctccctctc cttcctgtgt gtccaaaact 2100

```
gcctcaggag gcaggacctt cgggctgtgc ccggggaaag gcaagggtccg gcccattccc 2160
aggcacctca caggccccag gaaaggccca gccaccgaag ccgcctgtgg acagcctgag 2220
tcacctgcag aacc 2234
```

```
<210> 8038
<211> 895
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(607)
<223> similar to gi2854187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8038
tttcgtgcgg gtccgaccgc gcacaatggg ccatggagtt cccgttcgat gtggacgcgc 60
tgttcccgga gcggatcacg gtgctggacc agcacctgag gccccagcc cgccgaccgc 120
gaaccacaac gccggcccgt gttgatctac agcagcaaat tatgaccatt atagatgaac 180
tgggcaaggc ttctgccaaag gccagaatc ttccgctcc tatcactagt gcatcaagga 240
tgcagagtaa ccgccatggt gtttatattc tcaaagacag ttcagccga ccggctggaa 300
aaggagccat tattggtttc atcaaagttg gatacaagaa gctctttgta ctggatgatc 360
gtgaggctca taatgaggta gaaccacttt gcatcctgga cttttacatc catgagtctg 420
tgcaacgcc aaggccatgg cgagaactct tccagtatat gttgcagaag gagcgagtgg 480
aaccgcacca actggcaatt gaccgaccct cacagaagct gctgaaattc ctgaataagc 540
actacaatct ggagaccaca gtcccacagg tgaacaactt tgtgatcttt gaaggcttct 600
ttgcccatca acatcgccc cctgctccct ctctgagggc aactcgacac tctcgtgctg 660
ctgcagtcga tcccacgcc gctgctccag caaggaagct gccacccaag agagcagagg 720
gagacatcaa gccatactcc tctagtgacc gagaatttct gaaggtagct gtggagcctc 780
cttgccccct aaacagggcc cctcgccgcg ccacacctcc agcccccca ccccccgct 840
ccagcagcct gggaaactca ccagaacgag gtccccctccg cccctttgtg ccaga 895
```

```
<210> 8039
<211> 2840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1792)...(2475)
<223> similar to gi5817857 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(1492)

<223> similar to gi313765 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8040

gcggaggaat tctgccacga acaggccaat aaggagggag cagtgcgggg tttaaatctg 60
aggctaggct ggctcttctc ggcgtgctgc ggcggaacgg ctgttggttt ctgctggttg 120
taggtccttg gctggtcggg cctccggtgt tctgcttctc cccgctgagc tgctgcctgg 180
tgaagaggaa gccatggcgc tccgagtcac caggaaactcg aaaattaatg ctgaaaaataa 240
ggcgaagatc aacatggcag gcgcaaagcg cgttcctacg gccctgctg caacctccaa 300
gcccggactg aggccaagaa cagctcttgg ggacattggt aacaaagtca gtgaacaact 360
gcaggccaaa atgcctatga agaaggaagc aaaaccttca gctactggaa aagtcattga 420
taaaaaacta ccaaaacctc ttgaaaaggc acctatgctg gtgccagtgc cagtgtctga 480
gccagtgccg gagccagaac ctgagccaga acctgagcct gttaaagaag aaaaactttc 540
gcctgagcct attttggttg atactgcctc tccaagccca atggaaacat ctggatgtgc 600
ccctgcagaa gaagacctgt gtcaggcttt ctctgatgta attcttgagc taaatgatgt 660
ggatgcagaa gatggagctg atccaaacct ttgtagtga tatgtgaaag atatttatgc 720
ttatctgaga caacttgagg aagagcaagc agtcagacca aaatacctac tgggtcggga 780
agtcaactgga aacatgagag ccataccta tgcactggct gtacagggtc aaatgaaatt 840
caggttggtg caggagacca tgtacatgac tgtctccatt attgatcggc tcatgcagaa 900
taattgtgtg cccaagaaga tgctgcagct ggttggtgtc actgccatgt ttattgcaag 960
caaatatgaa gaaatgtacc ctccagaaat tgggtgacttt gcttttggtga ctgacaacac 1020
ttatactaag caccaaatac gacagatgga aatgaagatt ctaagagctt taaacttttg 1080
tctgggtcgg cctctacctt tgcaacttct tgcggagagca tctaagattg gagagggttg 1140
tgtcgagcaa catactttgg ccaataacct gatggaacta actatggttg actatgacat 1200
ggtgcacttt cctccttctc aaattgcagc aggagctttt tgcttagcac tgaaaaattct 1260
ggataatggt gaatggacac caactctaca acattacctg tcatatactg aagaatctct 1320
tcttccagtt atgcagcacc tggctaagaa tgcagccatg gtaaatcaag gacttacaaa 1380
gcacatgact gtcaagaaca agtatgccac atcgaagcat gctaagatca gcactctacc 1440
acagctgaat tctgcactag ttcaagattt agccaaggct gtggcaaagg tgtaacttgt 1500
aaacttgagt tggagtacta tatttacaaa taaaattggc accatgtgcc atctgtacaa 1560
aaaaaaaa 1568

<210> 8041

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(801)

<223> similar to gi4680705 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 8041
aattcgtagg gagaccctta ggccactccgg actaagatgg cggcgacggc caggcggggc      60
tggggagctg cggctgttgc cgccgggctg cgcaggcggg tctgtcataa gttgaagaat      120
ccatacacca ttaagaaaca gcctctgcat cagtttgtac aaagaccact tttcccacta      180
cctgcagcct tttatcaccg agtgagatac atgtttattc aaacacaaga taccctaaat      240
ccaaacagct taaagtttat accaggaaaa ccagttcttg agacaaggac catggatttt      300
cccacccag ctgcagcatt tcgctcccct ctggctaggc agttatttag gattgaagga      360
gtaaaaagtg tcttcttttg accagatttc atcactgtca caaaggaaaa tgaagaatta      420
gactggaatt tactgaaacc agatatttat gcaacaatca tggacttctt tgcatctggc      480
ttaccctggg ttactgagga aacaccttca ggagaagcag gatctgaaga agatgatgaa      540
gttgtggcaa tgattaagga attgttagat actagaatac ggccaactgt gcaggaagat      600
ggaggggatg taatctacaa aggctttgaa gatggcattg tacagctgaa actccagggt      660
tcttgtaaca gctgccctag ttcaatcatt actctgaaaa atggaattca gaacatgctg      720
cagttttata ttccggaggt agaaggcgta gaacagggtt tggatgatga atcagatgaa      780
aaagaagcaa actcacctta aaataatctg gattttcttt gggcataaca gtcagacttg      840
ttgataatat atatcaagtt tttattatta atatgctgag gaacttgaag attaataaaa      900
tatgctcttc agagaatgat atataa                                     926

```

```

<210> 8042
<211> 912
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (67)...(670)
<223> similar to gi5578990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8042
aattgaattc gagttcccta gtccagtgcg gtggaattcg tctgggaagg agagaaaatg      60
gcggcggagc cgaacaagac cgaaatccag actcttttta agaggcttcg cgcagttcca      120
accaacaagg cctgttttga ctgcggcgcc aagaatccga gttgggccag catcacgtac      180
ggtgttttct tgtgcattga ctgttccggg gtgcaccgct ccctgggcgt ccatctgagc      240
ttcatcaggt ccacagagtt ggattccaac tggaaactgg tccagctgag gtgtatgcag      300
gtcggcggga atgccaatgc gacggctttt tttcgccaac atggatgcac agccaatgat      360
gccaacacca aatataatag ccgagctgcc cagatgtacc gggagaagat ccggcagctg      420
gggagtgcgg ccctggctag gcatggcact gatcttttga tagacaacat gagtagtgcc      480
gttcctaate actccccaga gaagaaggac tctgatttct tcacagaaca cactcaaccc      540
cctgcctggg atgcgccagc cactgagcct tcagggaacc agcagccagc cccgtctaca      600
gagagcagtg gcctggcaca gccggagcat ggccccaca cagacctgct tggcacctca      660
cccaaagcct cactggaact gaaaagctcc atcattggca agaagaagcc agcagcagct      720
aagaaagggc tgggtgccaa gaaaggccta gggggccaga aggtgagcag ccagagcttc      780
agtgagattg agcggcaggc tcagggtggca gagaagctcc gtgagcagca ggcagccgat      840
gccaaagaagc aggcggagga gtccatggtc gcctccatgc gtctggccta ccaggagctc      900
cagattgatc gt                                     912

```

<210> 8043
 <211> 1623
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1569)...(888)
 <223> similar to gi4454690 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8043
 aatacatgga ggcagggact ttgggtcaaa ttactggggg aaatggaaaa gttaatatgt 60
 atgtagtagg gaacaggggt tatactagggt taggcagaga agccttggag ttttctcaga 120
 atctgcactg aggggttaagg gaggtatcta tgaaaggggtg tgcaacttcc ccaaaccgca 180
 gcaactccag ccagtttccc ggtactgcct tgccctgggt ttgcaggtgt ggctggaccc 240
 agtttaaata tctggccaca agctcagcca gactctgggt ccctcggctg ttcactccca 300
 ctgggcttct ggtcccagcc ccatctcagt cactgtgggt ggtcagaaga cagtaaattcc 360
 caaacttgat tagttgcaaa gtccatctgg cttggttttc tgttgctgat agagagacca 420
 ggggagtttc tgtgtgagag aacgggggac tattctcact tcttccaccg cacaagctgc 480
 tcaagggtgg ctgcatggct ggtctggctg gaaatactga aacagctctc cttcacctac 540
 ccctagagta ggcgggatgt gacccagga atgagaatat accagggcag atacagacac 600
 agaaatgttt tgcctgatgg cattaggttt attttgtggg aaagcagaat tggggctctc 660
 tgaaaggcac ttgtgaggca tagaagtaaa ggttgccaca tggctaattg tggacgtctt 720
 cctggcatcc ttgggggtag gggaaagaca gacagctccc agggccacag aaaatacctc 780
 tatcagatag agaaatccga gtcccagtc cttatgggtg agccaagggt taagcagatg 840
 gcctgctttt ttatacgaa gagtttgctt cctccgggca atcttaaagt ctggcattca 900
 cggctggagg tatagggcc atccacttct ctccagcag gtgcgccagc agctccatcc 960
 ggtcagagcc aaataacatg tgggtttggc catccacatg ggccacggtg atgggcagcc 1020
 caaaggctcc gtatctgcag gctgcctcag tggctctcct gagctggttc ttcacctttg 1080
 gcgttgcgat cttttccaga agtccctggg cttgttctgc agacatacca gccttctctg 1140
 cagccgccag gatgctctgc ggctcgggtg tgtcttcatt ccttgaccag acgcgcatcc 1200
 acagctcccg ggacgctttc tccagcatct ctggatgctc caagttcacg gcggtgagga 1260
 aacgcatggc agacaaactt cttttttcaa gcatcacaga caagaaatcc ttggggaagt 1320
 ggatgggaat ctggagatgg tgtctcagga gctttaagtc atttgccatg tatagtcctt 1380
 tgcggggaag cagacctgga ggcttgtttc cactgtcttt catgatccct gttatgaggc 1440
 tgggccgcaa ctgcaggttg atgttccaga tattctgata ccggcacagg atctcgaagc 1500
 ccagccagga gtagggggac agcacgtcat agaagagctc cacggtgcgc ggcaggggcc 1560
 ccatgctgca ggctccggaa gagcagtggc agcaggagct ctttttcccg gaacccggca 1620
 gag 1623

<210> 8044
 <211> 1619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1115)...(693)
 <223> similar to gi4929649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8044

cctttttttt	ttttttaaca	tcaaatttgg	tttatttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagtatatca	agtgggccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtgggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	taccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggttagaggt	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagacccag	gagacagatt	tgtgtggttt	cctgatctca	gcaaggctca	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcac	gaaggccagt	660
gaaacgtggt	tagtctcgta	aaatgacttc	cagttcttcc	aggctcttct	ggatagccaa	720
atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
gtttttccct	agttctctgt	agcacttgga	aatatatacc	cttcctgctt	tggaaaatcc	840
tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttccacag	tggcactgag	900
agggctttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960
atagcaccac	ctgccaagaa	gaaagtgagc	catgggggtt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgctccttga	agctaaagcc	actctggatg	cgctctgga	tgctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	cctagggggg	aagcagcaag	ctcagggaca	1140
agggctgagt	accatcactg	caagggaatg	atgccccaac	cacagcctag	ttgcattgtc	1200
cgctatccct	gtaccctcaa	ctagagctga	aaatacctaa	ttttcatctg	tacgtaatcc	1260
ccattcttta	cggacctctg	gccccaatca	gtattcttta	gtagataatg	gtaggcttac	1320
aagtctccaa	agtattctag	gtataaaaaa	agctgggttc	accacagtaa	atctctctta	1380
cacagtaaat	ctctcttaca	ctcataagga	gtacagccac	aggcattaat	aaaaacttga	1440
aaagcatgaa	aacaatcagc	ataaaagtat	gagacctgac	tatactactt	atcttctggg	1500
cagacaaaaa	agtgggtctc	attagccttt	aagcatacag	gtgtatcact	gggacttggg	1560
aagcaatttc	ttaggatagt	cacattggga	ggggatattc	taggaatttc	tgatgttac	1619

<210> 8045
 <211> 2191
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(379)
 <223> similar to gi927071 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8045

agctgcagcg	gcagaggcag	catccagcgg	cggcgccagc	agttccagtc	cgttgcttta	60
ctttttgctt	caccgacata	gtcattatgc	cgaagagaaa	gtctccagag	aatacagagg	120

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gcaaagatgg atccaaagta actaaacagg agcccacaag acggtctgcc agattgtcag 180
cgaaacctgc tccaccaaaa cctgaaccca aaccaagaaa aacatctgct aagaaagaac 240
ctggagcaaa gattagcaga ggtgctaaag ggaagaagga ggaaaagcag gaagctggaa 300
aggaaggtac tgcacatctt gaaaatggtg aaactaaagc tgaagagatc cacatctctc 360
gctcaactgt taatgtctca acctccagag gcacccacc cagcacactg tcagtaaagg 420
ggcagattga aacagtgaga gttaagggca cagaaaactg aatctgtaga taacgaggga 480
gaatgaattg tcatgaaaaa ttgggggttg ttttatgtat ctcttgggac aactttttaa 540
agctattttt accaagtatt ttgtaaatgc taatttttta ggactctact agttggcata 600
cgaaaaatata taaggatgga cattttatcg tctcatagtc atgctttttg gaaatttaca 660
tcacacctcaa gtaaaataaa tatcagttaa atattggaag ctgtgtgtaa gattgattca 720
gcattccatg cacttgcttt aaaatttagt cctgtgcata ctgtggtgtt tttactgtgc 780
atatttgaat ttttttgag acaagtaaac cttttatttt aaaccacaaa tagtcagcag 840
gtggccacaa ctatccatgt ttcatataaa tcacataaaa cctaggtaca aaagcagcac 900
tgattattgc tctagaaaaa ctgcatgaaa aattcaaata tgcacagtaa aaacaccaca 960
gtatgcacag gactaaatth taaagcaagt gcatggaatg ctgaatcaat cttacacaca 1020
gcttccaata ttttaactgat atttatthta cttgaggatg atgtaaatth ccaaaaagca 1080
tgactatgag acgataaaat gtccatcctt atatatthtc gtatgccaac tagtagagtc 1140
ctaaaaaatt agcattttaca aaatacttgg taaaaatagc ttttaaaagt tgtcccaaga 1200
gatacataaa atcaacccca atthttcatg acaattcatt ctccctcgth atctacagat 1260
tcagthttct gtgcctgtga aaaagaaagg aaaaaaaaac atatagttac tactgaaact 1320
actataagca aaggaaattg ccacccacca acacacacag ttttggaca tttgtthtct 1380
thttthtttt ccagctthac tgcaaaacct atthcaactt tgagtgaaga agacaaggca 1440
ggaatatatt acacaaacac thtgthtcat ttaatgctth ctgctthtca aacccccaca 1500
gaagccttac ctgcaagctc ccactthtth taaatgattaa aaaaaaaaaa ccaccacact 1560
actatctgat tctagtcaact gcaaacatgc agaathttct actgtacct taactctcac 1620
tgthtcaatc tgccctthta ctgacagtgt gctgggtggg gtgcctctgg aggttgagac 1680
attaacagtt gagcgagaga tgtgcatctg caataacatt acaggcaata aaaagagaca 1740
ttaagaacgt gctatcaccg gctgaaggat tgagaaatth cthtaagac actgattcaa 1800
tcagtgaggag gtatthtatg aaagtaacct ttcagctthta gthtaccat thtcagatgg 1860
tgcatgacct tctthtccag ctthctgctt thctctcttc thctctthtag cacctctgct 1920
aatctthgct ccaggtthct tcttagcaga tgtthttctt ggthtgggtt caggthttgg 1980
tgagagcagg thctgctgaca atctggcaga cgtctctgtg ggctctgth tagthactth 2040
ggatccatct thgctctctg tathctctgg agactthctc thcggcataa tgactatgtc 2100
ggtgaagcaa aaagtaaac aacggactgg aactgctggc gccgctgctg gatgctgcct 2160
ctgcctgctg agctgctcac gcgcagggca c 2191

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<210> 8046
<211> 1648
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (115)...(1091)
<223> similar to gi5327002 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8046
tttcgtcccc gggcgagtg gctctgctc gtgggtggtt ctggtggagg tcagctcccc 60
cgtgtctccg ctgcacagg tgcttgggca gagcccatcg ggtaggcgcg ggccatggcg 120

```

```

cagtacaagg gcacccatgcg cgaggcaggc cgtgccatgc acctcctcaa gaagcgcgaa 180
aggcagcggg agcagatgga ggtgctgaag cagcgcacgc cagaggagac catcctcaag 240
tcgcaggtgg acaagagggt ctcggcgcac tacgacgcgc tggaggccga gctgaagtcc 300
agcacggtgg gcctggtgac cctgaacgac atgaaggccc ggcaggaggc cctggtcagg 360
gagcgcgagc ggcagctggc caagcgccag cacctggagg agcagcggct gcagcaggag 420
cggcagcggg agcaggagca gcggcgcgag cgcaagcgta agatctcctg cctgtccttt 480
gcactagacg acctcgatga ccaggccgac gcggccgagg ccaggcgcgc cggaaacctg 540
ggcaagaacc ccgacgtgga caccagcttt ctgccagacc gtgaccgcga ggaggaggag 600
aaccggctcc gagaggagct gcgccaagag tgggaggcgc agcgcgagaa agtgaaggac 660
gaggagatgg aggtcacctt cagctactgg gacggctcgg gccaccggcg cacggtgcgg 720
gtgcgcaagg gcaacacggt gcagcagttc ctgaagaagg cgctgcaggg gctgcgcaag 780
gacttcctgg agctgcgctc cgccggcgtg gagcagctca tgttcaccaa ggaggacctc 840
atcctgccgc actaccacac cttctacgac ttcatcatcg ccagggcgag gggcaagagc 900
gggcccgtct tcagcttcga tgtgcacgat gacgtgcgcc tgctcagcga cgccaccatg 960
gagaaggacg agtcgcacgc gggcaagggt gtgctgcgca gctggtacga gaagaacaag 1020
cacatcttcc ccgccagccg ctgggaggcc tatgaccccg agaagaagtg ggacaagtac 1080
accatccgct aacacccgcc tgccagagcg gaaaccgggg gtggggggag aactcatctt 1140
ctaggcccca tcaccagtca cttgatttgc tgaccttgat ttcttccccc aaatttaata 1200
aagacagagg gttctcatga ttcacattgg ttgtgctatt gctgatgtta tgctttgggt 1260
gcttggttgg tcttttctga gtattttagt gttgccacct ggatttgcct gccattgctc 1320
ctgcctgaag cctgtaattg aaaacccatg actgggcccc actgtccaga cagaaattag 1380
aataggaggc cacatctttt accctggtgg ttatgaagcc atggacttgg gggcccacag 1440
tgaactgagt ttgattcccc gacacagcct cctccttgct gtgtagtttt gggtaagctt 1500
attaaacccc catgcctcag tttggtcacc tgtaaaagga aataacaaga gcacttactt 1560
tataagattg atgtgagtat taagtgaatt aatatttgta aaacgcttag ctcttaataa 1620
atgtttctgt tgttattaaa aaaaaaaaaa 1648

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<210> 8047
<211> 1292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (257)...(907)
<223> similar to gi5302783 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8047
tttcgtgcgg cggcggcccg agagctgcgc cgggagagct gtgccgcgag cctccgcctc 60
ttttttggca ccgcacagtg gatccctgga ggccgagcgc cagccgcgcc gggtagccgg 120
cagatcgcga ggtggaacgg gccgtcgctg cgggggacag cgttccgagg cagttggtcc 180
tctccaggat gccgtaggca tcagctgacc ggcccagccc acgtgactac aggggcactt 240
gatgggaatc atggcagcat ccaggccatt gtcccgttcc tgggagtggg gaaagaacat 300
cgtctgcgtg gggaggaaact acgcggacca cgtcaggagg atgcgcagcg cgggtgttgag 360
cgagcccgtg ctgttcctga agccgtccac ggcctacgcg cccgagggct cgcccatcct 420
catgcccgcg tacactcgca acctgcacca cgagctggag ctgggcgtgg tgatgggcaa 480
gcgctgccgc gcagtccccg aggtgcgggc catggactac gtgggcgggt atgccctgtg 540
cctggatatg accgcccggg acgtgcagga cgagtgaag aagaaggggc tgccctggac 600
tctggcgaag agcttcacgg cgtcctgccc ggtcagcgcg ttcgtgcccc aggagaagat 660

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ccctgaccct	cacaagctga	agctctggct	caagggtcaac	ggcgaactca	gacaggaggg	720
tgagacatcc	tccatgattt	tttccatccc	ctacatcatc	agctatgttt	ctaagatcat	780
aaccttggaa	gaaggagata	ttatcttgac	tgggacgcca	aaggaggttg	gaccggttaa	840
agaaaacgat	gagatcgagg	ctggcataca	cgggctggtc	agtatgacat	ttaaagtgga	900
aaagccagaa	tattgagtta	tttcttaaca	agtttcgaga	gagaagtgag	caagacaaga	960
gcaagcaacg	gctattaaat	gtcacatcc	tttaattaga	aaccatttat	tggccggacg	1020
cggtcgtcac	gcctgtaatc	atagcacttt	gggaggccga	ggcgggaggc	tcacgaggtc	1080
aggagatcca	gaccatcttg	gctaacaggg	tgaaaccccg	tctctactaa	aaatacaaaa	1140
aattagccgg	gcgtgggtgg	gggcgccttt	agtcccagct	actctggagg	ctgatgcagg	1200
agaatcaatt	gaaccctgga	ggcggagctt	acagtgaagt	gagattgcgc	cactgtactc	1260
ctgggcaaca	tgcggatccg	tctcaaaaaa	aa			1292

<210> 8048

<211> 1782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(1214)

<223> similar to gi5262487 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8048

tttcgtggct	gcgtggtacg	ccatggtgac	agggctgttc	ccggggaggc	tgtgatgggt	60
tgacagggtgc	gtgacagtgg	gagctgctct	cggcacaagc	atgtacggca	aaggcaagag	120
taacagcagc	gcctgcccg	ccgacagcca	ggcccgggag	aagttagcac	tctacgtata	180
tgaatatctg	ctccatgtag	gagctcagaa	atcagctcaa	acatttttat	cagagataag	240
atgggaaaaa	aacatcacat	tgggggaacc	accaggattc	ttacattctt	ggtggtgtgt	300
attttgggat	ctctactgtg	cagctccaga	gagacgtgaa	acatgtgaac	actcaagtga	360
agcaaaagcc	ttccatgatt	acagtgtctg	agcagctccc	agtccagtgc	taggaaacat	420
tccccagga	gatggcatgc	cagtaggtcc	tgtaccacca	gggttctttc	agccttttat	480
gtcacctcgg	taccctggag	gtccaaggcc	cccattgagg	atacctaate	aggcacttgg	540
aggtgtccca	ggaagtcagc	cattactccc	cagtgggaatg	gatccaactc	gacaacaagg	600
acatccaaat	atgggtgggc	caatgcagag	aatgactcct	ccaagaggaa	tgggtgccctt	660
aggaccacag	ttcttgacct	cttgggttatc	attacagaac	tatggagggtg	caatgagacc	720
cccactgaat	gcttttaggtg	gccttggaat	gcctgggaatg	aacatgggtc	cagggtggtgg	780
tagaccttgg	ccaaacccaa	caaatgccaa	ttcaatacca	tactcctcag	catctcctgg	840
gaattatgta	ggtcctccag	gagggtggagg	gccaccagga	acacccatca	tgcctagtcc	900
agcagattca	accaactctg	gtgataacat	gtatacttta	atgaatgcag	tacctcctgg	960
acctaacaga	cctaattttc	caatgggccc	tgggtcagat	ggtcccatgg	gtggattagg	1020
aggaatggag	tcacatcaca	tgaatggctc	tttaggctca	ggagatatgg	acagtatttc	1080
caagaattct	cccaataata	tgagcctgag	taatcaaccg	ggcactccaa	gggatgatgg	1140
cgaatgggg	ggaaattttct	taaatccttt	tcagagttag	agttactccc	ctagcatgac	1200
aatgagcgtg	tgatccatta	ccaagtctcc	tcatgaaaac	cacagtgaat	cagcccttca	1260
cagaactact	acggaagaaa	attattcatc	acagtgtaca	gttaaacaac	ggaatctcag	1320
tcacacccaa	ccaacctttt	tatttcctgc	tctctccctt	cttttgtgaa	gaaagcgggt	1380
ccaaatgtga	ttcaaacaac	tgtacggagt	ggcatattag	aattgcccta	aactgaactg	1440
caaataatta	tgtgtgtatg	tatatgtgtg	ggaaagagaa	tgtactgtat	atgtgtatgt	1500
tatacagaca	tatacacata	catacattga	cccacaggac	attgtaaaat	attatcacat	1560


```

agtagttgta acattagggtt ggtcaattta aatactgtgg ctccctgttg gatagacaca 2040
caatctttac atccaaacat taatgcatac aaagcaacaa ggcattgtta aataaaacag 2100
caatagttac tgcaaattag gccttgtgac caattacata tgattaaaat tacttccac 2160
attcacatcc acagtactcg tccaccattt aacatctcaa ccaaaacgtt acacatgtga 2220
aacaatcact aacaggcaaa 2240

```

<210> 8050

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (423)...(92)

<223> similar to gi57119 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8050

```

ttttttttt ttaaggtagt aagtttttta atccacttaa aaatacaaga gcacaaatcc 60
acatttatatt attgattttt cgttagttta aatccttgag gggtagacga tcaactcgat 120
tctgtgtcca atggccttag caggaagatt gcttcggaat ttggcacgaa ccatgccact 180
gtttccatgg gcccgagtta cttttcccca gatgactctg gttttgtttg gtttgccgcc 240
aggagtgact gtgttgttct ttgctttata tacataagcg catctcttgc ccaaatagaa 300
ttctgtttca tctcgggcgt aaacaccttc aattttaaga agagctgtgt gtcctctttg 360
gttccggaga ccccgcttat agccagcaaa aatggccttg gaccacagcc ttccagacat 420
agttcctttt agaagtcccg ctcccagcag gccccacag gagccaagat ggcggttaaga 480
gaaagcgggg ggggggg 496

```

<210> 8051

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1957)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (50)...(1496)

<223> similar to gi4678722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 8051
tttcgtctca agcaggattc ttcccagatc cctggcatcc tcagaagctt caactctgga      60
ggcaatgggt cgaaaggaag aagatgactg cagttcctgg aagaaacaga ccaccaacat      120
ccggaaaaacc ttcattttta tggaaagtgt gggatcagga gctttctcag aagttttcct      180
ggtgaagcaa agactgactg ggaagctctt tgctctgaag tgcatcaaga agtcacctgc      240
cttccgggac agcagcctgg agaatgagat tgctgtgttg aaaaagatca agcatgaaaa      300
cattgtgacc ctggaggaca tctatgagag caccacccac tactacctgg tcatgcagct      360
tgtttctggt ggggagctct ttgaccggat cctggagcgg ggtgtctaca cagagaagga      420
tgccagtctg gtgatccagc aggtcttgct ggcagtgaag tacctacatg agaatggcat      480
cgtccacaga gacttaaagc ccgaaaacct gctttacctt acccctgaag agaactctaa      540
gatcatgata actgactttg gtctgtccaa gatggaacag aatggcatca tgtccactgc      600
ctgtgggacc ccaggctacg tggctccaga agtgctggcc cagaaaccct acagcaaggc      660
tgtggattgc tggctccatg gcgtcatcac ctacatattg ctctgtggat acccccccatt      720
ctatgaagaa acggagtcta agcttttcga gaagatcaag gagggctact atgagtttga      780
gtctccattc tgggatgaca tttctgagtc agccaaggac tttatttgcc acttgcttga      840
gaaggatccg aacgagcggg acacctgtga gaaggccttg agtcatccct ggattgacgg      900
aaacacagcc ctccaccggg acatctaccc atcagtcagc ctccagatcc agaagaactt      960
tgctaagagc aagtggaggc aagccttcaa cgcagcagct gtggtgcacc acatgaggaa     1020
gctacacatg aacctgcaca gcccgggctg ccgcccagag gtggagaaca ggccgcctga     1080
aactcaagcc tcagaaacct ctagacccag ctcccctgag atcaccatca ccgaggcacc     1140
tgtcctggac cacagtgtag cactccctgc cctgacccaa ttaccctgcc agcatggccg     1200
ccggcccact gcccctggtg gcaggtccct caactgcctg gtcaatggct ccctccacat     1260
cagcagcagc ctggtgcca tgcatcaggg gtccctggcc gccgggccct gtggtctgtg     1320
ctccagctgc ctgaacattg ggagcaaagg aaagtcctcc tactgctctg agcccacact     1380
cctcaaaaag gccaacaaaa aacagaactt caagtcggag gtcatggtac cagttaaagc     1440
cagtggcagc tcccactgcc gggcagggca gactggagtc tgtctcatta tgtgattcct     1500
ggagcctgtg cctatgtcac tgcaattttc aggagacata ttcaactcct ctgctcttcc     1560
aaacctggtg tctatccggc agagggagga aggcagagca agtgaggcag ggcttagcag     1620
gagcagtttc tggccagaag caccagcctg ctgccagcgg ggcagcccct cataggaggc     1680
ccaggaggga gcccgaaggc gtagaagcct tgttgaagct gtgagcagga gaagcgggtg     1740
ccaccagctt ccaggctctc ctgacctgcc tgctctatgc cccacaccct acgtggccgt     1800
ggctctgtgc agtggttacg tagatagctc tcgcctgggt ctgtgctgtt tgtcgtgaaa     1860
agcttaatgg gctggccagg ctgtgtcacc ttctccaagc aaagccatat ggagcatcta     1920
cccagactcc cactctgnac acactcactc ccacct                                     1956

```

```

<210> 8052
<211> 2243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (341)...(835)
<223> similar to gi7347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8052
tttcgtgtcg gagcgagcgc gactgaggag acccccgcgg ggccactggc acttgcttct      60
gcggcgagtc ccaccacga ccgcagccca gcaactcgca aacgcaacct gaagcctggg      120

```

```

ctgcgcagtg tgggagggct tcgcgatctt gggggaccca ttccgaactt gcagaggacc 180
gtagctctcc tggcctggag agtgtgaaca ggattgtgga ctcttccaag attcacaatg 240
atatggtgaa tccaaagact ggaacccaaa agatttactc agtgcttttag ttttaacaac 300
agtaaattgt ctaccaacac ccatcatggc taaaagtgcg gaggtcaaac tggcaatatt 360
tgggagagca ggcgtgggca agtcagctct tgtagtgaga tttctgacca aacggttcat 420
ctgggaatat gatcccaccc tcgaatcaac ctaccgacac caagcaacca tcgatgatga 480
agttgtttcc atggagatac tagacactgc tggtcaggaa gataccattc agagggaggg 540
gcacatgcga tggggggaag gctttgtgct ggtctacgac attactgacc gaggaagttt 600
tgaggaagtg ctgccactta agaacatcct agatgagatc aaaaagccca agaattgtgac 660
tctcatcttg gttggaaaca aagctgactt ggaccactcc aggcagggtta gcacagaaga 720
aggagagaag ctggccacag aattggcttg tgctttttac gagtgtctctg cctgcaactgg 780
agaaggggaa atcacagaga tattctatga attgtgtcga gaggtgcgtc gccggaggat 840
ggtgcagggc aagacgaggc gacgcagctc caccacgcat gtcaagcaag ccattaacaa 900
gatgtcacc aaaatcagta gttaggcagc ccagctgagg tggaccaact aattggaaac 960
actcttcccc ttctgttccc ctttcaaaaa taaaacaaaa tattgcattc tttgtttgga 1020
ttctgagaaa tgtctgggct tcccattgtt tctggcctct aataggttgg gaagtttttag 1080
cgtgttttat gcaatttcag tgctaacaat ttcttccttt cctgcttgaa taagatacac 1140
tctaattggc tttgaacatg taatcaccag agattctgaa atgactgggt tatgttaagc 1200
tatttttagg catcttcacc ttgctttaag taggttgaag tttttgcaa ggcattttaa 1260
aattcaattt ctgttcagat actacaaata attttcttaa aagtctaaga tagcagaaaa 1320
tacagtaaaa acacaggaga agaagctgag ctattggaac aggaaataga aggaactcta 1380
gtttctgttt gaagtgagga ttttctgaat tatctaatat catctagggt ttctttaaaa 1440
ttttattttg ttcttcagtt caagcatctt ctactaatg tttttcacta taacagagaa 1500
ttcatttcaa tttgagttgg ttctctcaat gatctattga tcattacacc ctaactctcc 1560
ttccttggtc caacaatat tttccctata acaaaggcaa taggacacaa aattcacatc 1620
ctgctgggac ttttttcac aagtcagggt gatataaaaa cattggaagt cttttcacca 1680
aaccctgact ttattgaatg ctagtagaag atgtagaatt agagacatct gatttgttta 1740
tcaccttagc agaaaaacca cagtccaaaa gacaagcaaa ttaagaatgg agcttaacca 1800
tgctccatt gggaagtcta gactttgagc caggtagagt aagaaaaatt agcctctgat 1860
tcattaagtt tgccacatga cttattttga tttttggat acattaactc acttaggaga 1920
attcagaaaa gaatgggtga ttaaagttca ttacagctga ataatgtgt ctaaaacaga 1980
ctcttgatt ctgaaagtac agtctacaac tgataaaacc ttatgattct tttctcccc 2040
attatgcccc tatatatatc aagatttggg tactttattt tagtagaaaa tatatatctt 2100
ttacatatgt atgtatttat aaatgcatag atatatgtat aaaaatttgt aagcgtagc 2160
ggcattaatt caccaatgca tttggacaac ttgatgtaac tgactttatt ttatgtgact 2220
ataataaaaa gcataatttt ctc 2243

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<210> 8053

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (125)...(895)

<223> similar to gi4416432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8053

tttcgtgttg acaattacgt ctgggtccaa gcaaacatga ggcagctgcc agccggcctg 60

ggcagtcttg	tctgcctcgg	ctgtgaagtg	gggaggctgg	caacagtttt	cttcagcgcc	120
caggatgcag	ccggctaagg	aagtgacaaa	ggcgtcggac	ggcagcctcc	tgggggacct	180
cgggcacaca	ccacttagca	agaaggaggg	tatcaagtgg	cagaggccga	ggctcagccg	240
ccaggctttg	atgagatgct	gcctgggtcaa	gtggatcctg	tccagcacag	ccccacaggg	300
ctcagatagc	agcgacagtg	agctggagct	gtccacgggtg	cgccaccagc	cagaggggct	360
ggaccagctg	caggcccaga	ccaagttcac	caagaaggag	ctgcagtctc	tctacagggg	420
ctttaagaat	gagtgtccca	cgggcctggt	ggacgaagac	accttcaaac	tcattttacgc	480
gcagttcttc	cctcagggag	atgccaccac	ctatgcacac	ttcctcttca	acgcctttga	540
tgcggacggg	aacggggcca	tccacttttg	ggactttgtg	gttggcctct	ccatcctgct	600
gcggggcaca	gtccacgaga	agctcaagtg	ggcctttaat	ctctacgaca	ttaacaagga	660
tggctacatc	accaaagagg	agatgctggc	catcatgaag	tccatctatg	acatgatggg	720
ccgccacacc	taccccatcc	tgcgggagga	cgcgccggcg	gagcacgtgg	agaggttctt	780
cgagaaaatg	gaccggaacc	aggatggggg	agtgaaccatt	gaagagttcc	tggaggcctg	840
tcagaaggat	gagaacatca	tgagctccat	gcagctgttt	gagaatgtca	tctaggacac	900
gtccaaagga	gtgcatggcc	acagccacct	ccacccccaa	gaaacctcca	tcctgccagg	960
agcagcctcc	aagaaacttt	taaaaaatag	at ttgcaaaa	agtgaacaga	ttgtctacaca	1020
cacacacaca	cacacacaca	cacacacaca	cacacagcca	tttatgtggg	ctggcagagg	1080
ggacagagtt	caggggagggg	ctgagtctgg	ctagggggcc	gagt		1124

<210> 8054

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (296)...(1454)

<223> similar to gi4680673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters.

<400> 8054

cgacgatttc	gggttgctg	ctgccagcgg	gaactgtgta	ggggtagatt	ttcgctgcag	60
tgttccccga	gcctgttaga	cgcagcgcgc	cgggagactg	agagaggaaa	ggatagagga	120
agtgtgcccc	taggctgcat	gagtcgaagc	aagcgtgttt	ccttcccgcc	aggcaagtgc	180
ccttagaaac	cgggccccgc	ccocttcctg	gcctgcattc	ccatcccctc	tcccggggcg	240
gaggtgagga	cctccttggt	tcctttgggt	ctgtcagtga	gccccttcct	tggccatgaa	300
gctcgtgagg	aagaacatcg	agaaggacaa	tgcggggcag	gtgaccctgg	tccccgagga	360
gcctgaggac	atgtggcaca	cttacaacct	cgtgcagggtg	ggcgacagcc	tgcgcgcctc	420
caccatccgc	aaggtagaca	cagagtcctc	cacgggcagc	gtgggcagca	accgggtccg	480
cactaccctc	actctctgcg	tggaggccat	cgacttcgac	tctcaagcct	gccagctgcg	540
ggttaagggg	accaacatcc	aagagaatga	gtatgtcaag	atgggggctt	accacaccat	600
cgagctggag	cccaaccgcc	agttcacctc	ggccaagaag	cagtgggata	gtgtggtact	660
ggagcgcac	gagcaggcct	gtgaccacgc	ctggagcgct	gatgtggcgg	ctgtggtcat	720
gcaggaaggc	ctcgcccata	tctgcttagt	cactcccagc	atgaccctca	ctcggggcaa	780
ggtggagggtg	aacatcccta	ggaaaaggaa	aggcaattgc	tctcagcatg	accgggcctt	840
ggagcggttc	tatgaacagg	tggtccaggc	tatccagcgc	cacatacact	ttgatgttgt	900
aaagtgcac	ctggtggcca	gccaggatt	tgtgaggggg	cagttctgcg	actacatggt	960
tcaacaagca	gtgaagaccg	acaacaaact	gctcctggaa	aaccgggtcca	aattttcttca	1020
ggtacatgcc	tcctccggac	acaagtactc	cctgaaagag	gccctttgtg	accctactgt	1080
ggctagccgc	ctttcagaca	ctaaagctgc	tggggaagtc	aaagccttgg	atgacttcta	1140


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actaatctac tcctaaagcc ttgagttgcc gttcaatctc ttcattctgag attgtagcct 1740
ttgaagtaga ggcagatggg aagcttcgag cagctgatgg agctttggcc atctttccag 1800
aaatttcaat tccaatttca tcaagaactt gattcacaaat atcctggctt tcttcttcgt 1860
catcagaacc gtcaaagatg tcatcaagtg tatcattgat catttcttca gtcatttcca 1920
ttttcatggt ttccttctgg aaattctgca tggtttgtaa tgtcttttgt ggatccatct 1980
tcttgtaaac tgctgcatt gtttttgctg tggtagacat tgctccagcc atcttcattt 2040
gggaattcat cacttttggt tgtgtagaca tagaagtaac ttttgaactt acagcaaaaag 2100
ttctcgtctt ctgtttccgt agatgcacaa gttgtttggc taaaactttg caagcttcct 2160
tattaccaat cttggccatt ttcttaattt ctaattccag ctgtttttct tgtttctcta 2220
aagctgctcg atctctgatt atagccctct gtgtacctcg taactctcga ttctgttcct 2280
ttattacatc atccacgggt ttcttcttga agagggacgc catgggttaa gactgcgccc 2340
gggcgggccc gctcgggccc gtccgggccc acgctggcaa aggacaggag gaaaaggaca 2400
ggaccttggc ggggttcgggg tggcgggagc gagagacagc aggaggaggt cggggtcgcc 2460
aggcaggacc cgcggaaggc ttgtatccgc agctaccgca gccgcgtcac ccggagctca 2520
ggtgaccggg                                     2530

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<210> 8056
<211> 2543
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (277)...(2313)
<223> similar to gi5912256 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8056
acgatttcgt cgagtccaaa atggcgggctc tcaggctggc gcgctccgtg ctgctggggc 60
tttgaggtgg tcgcgggggg tccggggggac cctttccccc ccgcggaagc cctagaggat 120
gaatcgggga ccctgctaag gtctggcggc ggggctggag agcagtggca gcaagggtcg 180
cggtggcgtc cagcgagcgg gatgtgcgag agttactcca ggctcgttgtt gaggggtctcg 240
gtggcgcaga tctgccaggc gctgggctgg gactcgggtg agctcagcgc ctgccacctc 300
ctcacggacg tgctgcagcg ctatctgcag cagctgggcc ggggctgcc a tcggtactct 360
gagctctatg gccgaacaga cccaattttg gatgatgttg gtgaagcttt ccagctgatg 420
ggggttagtc tacatgaact agaagactat attcacaaca ttgagcctgt caccttccca 480
caccaaattc cgtcatttcc tgttagcaag aacaatgtac ttcagtttcc tcaacctgga 540
agtaaagatg cagaggaaaag aaaagaatac attcctgatt acctgccacc cattgtgtct 600
tctcaagaag aagaagaaga agagcagggtg cccactgatg gaggcacatc agcagaagcc 660
atgcaggttc ccttgggaaga agatgatgaa ttggaggagg aagaaattat taatgatgag 720
aatttctctg gcaagagacc actggatagt cctgaagctg aagaactgcc agccatgaag 780
cggcctcggc tattaagcac taaaggggac acgctagatg ttgtgttatt ggaagctcga 840
gagccactca gctcaataaa tactcaaaaag atcccaccaa tgctttctcc agtccatgta 900
caggacagta cagacttggc acctccctca cccgagccgc caatgttggc tccagttgca 960
aaatcacaaa tgccaactgc aaaaccatta gaaacaaagt catttacacc taaaacaaag 1020
actaaaacta gctctccagg acagaagact aaatcaccta aaaccgcccc gtcaccagca 1080
atggtcggaa gtcctattcg atcacaaaa actgtatcca aagaaaagaa atcacctgga 1140
cgttccaaga gccccaaagag tccaagagc cccaagggtc cgactcatat tccccaaaca 1200
cctgtgagac ctgaaacgcc caacaggact ccttcagcta cactcagtga aaaaatcagt 1260
aaagagacta tccaggtaaa acaataacag acacccctgt atgctgggaa actgaacagt 1320

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gagaatcagc	cgaaaaaggc	tgtggtagca	gataaaacga	ttgaggcctc	tatcgatgct	1380
gtgattgcac	gagcctgtgc	tgagcgagag	ccagatcctt	tcgaattttc	ttctggatcg	1440
gaatctgaag	gagacatfff	tactagccct	aagagaatff	caggcccgga	gtgtactact	1500
cccaaagctt	ccacttccgc	gaacagtttc	acaaagtcag	gatccactcc	tctgcctcct	1560
tccggtggaa	cctcaggttc	cgataactca	tggacaatgg	atgcctccat	tgatgagggt	1620
gtacgtaaa	caaaactggg	aacaccttca	aatatgcccc	ccaactttcc	ttatatctct	1680
tctccgtcag	tgtctcctcc	cactcccga	cctctccaca	aggtgtatga	ggagaaaacc	1740
aagctgcctt	cctccgtgga	ggtaaagaag	aagttgaaaa	aggaactaaa	gactaaaatg	1800
aaaaagaaa	aaaagcagag	agatagggag	agggaaaaag	acaagaacaa	ggacaaaagt	1860
aaggagaagg	ataaagtga	agagaaagag	aaagacaagg	aaactggcag	ggaaacaaag	1920
tatccctgga	aggaatttct	taaagaggaa	gaggcagatc	cctacaagtt	taaaatcaaa	1980
gaatttgaag	atgttgatcc	caaagtga	ttgaaagatg	gacttgtgag	gaaggagaaa	2040
gagaagcata	aagataagaa	gaaagataga	gagaaaggca	agaaagataa	agataagaga	2100
gagaaagaaa	aagtgaaga	taaaggcaga	gaagataaga	tgaaagcccc	agcaccacca	2160
ctggtgttgc	ccccaaaaga	gttgccctg	cccttgttca	gccctgccac	agcctccagg	2220
gtcccagcca	tgctgccatc	tttgttgcca	gtgcttcagg	aaaaactgtt	tgaggagaaa	2280
gagaagccga	aggagaaa	aaagaaaaag	gacaaaaagg	agaagaagaa	aaagaaggaa	2340
aaagagaagg	agaagaagga	gaaggaaa	gagaaagaga	agagagagcg	agagaagaga	2400
gaaaaagaga	aggagaaa	caagcatgaa	aaaataaaag	tggaaccagt	cgctctggcc	2460
ccgagtccag	ttatccccag	attaactctc	cgagtcggtg	ctggccccga	caagataaga	2520
agaagaagag	caggtgccca	ctg				2543

<210> 8057
 <211> 1085
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (355)...(272)
 <223> similar to gi5690333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8057						
tccgtaggaa	gtttgccca	atatgtcccc	cccccaaat	aaaggtccct	cccaaaaatt	60
cccaagtagc	agattttcca	gtccccacgt	tgttaaaaca	cgggcaaggc	ctagggtata	120
aataggcccc	ccataaggaa	aaaactatta	cctcgcaagc	acgggtaaac	ttgggcccc	180
caagggatcc	tttaaaacgg	ccgccccctt	ttttttttt	tggctattta	tttatttatt	240
ttttaataa	agattgggtc	ttatctcact	ctgttgccca	ggctgatctt	gaactcctgg	300
gctcaagcag	tcctcccacc	tcagcctccc	aaagtgtctg	gattacaggc	atgtgccgtc	360
acccccagcc	ctgcttggtt	taaaagggga	ctttttttt	tcttaatgga	aaaaaatgaa	420
acagagagcc	aaaagctttt	aactgttggt	ttttctttt	cttcaatgaa	agcctctcat	480
tttgaaaaga	catgtttttc	ttcaagcaac	aaaggtggta	gaggaaattc	ctcaactttc	540
tcaacgagtc	atgtaacggt	acactggcct	ccataaagca	ccgattaaga	aagctaaaga	600
ataagatggt	gtattttctt	taaaataatt	taaaatatat	taaattttcc	taaggcaggt	660
tttgtttgaa	tgagggtgtc	tgattagata	actacatgcc	actgaaggag	aacagtactt	720
ttaaggagct	atttttgttt	cgcagtagag	ttgaaaccag	ctgattaatc	caatgaagtt	780
aaacagcaga	gacagatctc	gtacataaga	gtatcagcta	aagtcatgac	tacaccaatt	840
ctttacacaa	ttaagacatc	tttgcaactg	ttcaatttaa	gtactatggt	ttttagataa	900
tcgagaaaaa	cacagtttga	ccttaacatc	tgttgagaaa	atacaaataa	atatgatgct	960

aataaatggc	cactgataac	tcahtagcca	tctgaatagt	catgcggttt	agaatacat	1020
ccttgtataa	tctgacatac	aaatttgtca	tttctgcac	atgcacacca	ttgttaaaaa	1080
aaaaa						1085

<210> 8058
 <211> 3637
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (447)...(1339)
 <223> similar to gi4838557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8058						
agcggccgcc	gcgcgccagc	gggaggcgct	ccctctgccc	acctccgccc	cctgcggacc	60
gagacccgga	gatgtcgagt	tgtggagttc	ggctcggccc	ggcgacgggc	tagctgcccg	120
ggaacccccg	cgggtggaca	catgcatgcc	ggagctccgg	gaggggcccgc	gccgccaccg	180
tctgaactag	gatgtcccga	catgaagggtg	tcaagtgtga	tgcatgttta	aaaggaaatt	240
ttcgaggtcg	cagatataag	tgtttaattt	gctacgatta	cgatctttgt	gcatcttggt	300
atgaaagtgg	tgcaacaaca	acaaggcata	caactgacca	cccaatgcag	tgcatattaa	360
caagggtaga	ttttgattta	tactatgggtg	gggaagcttt	ctctgtagag	cagccacagt	420
cttttacttg	tccctattgt	ggaaaaatgg	gctatacggg	gacatctctt	caagaacatg	480
ttactttctga	acatgcagaa	acatcaacag	aagtgatttg	tccaatatgt	gcagcgttac	540
ctggaggcga	tcctaatacat	gtcacggatg	actttgcagc	tcattcttaca	cttgaacaca	600
gagcccctag	agatttagat	gaatcgagtg	gtgttcgaca	tgtacgtaga	atgtttcacc	660
ctggccgggg	attaggaggt	cctcgtgctc	gtagatcaaa	catgcacttt	actagcagtt	720
ctactggtgg	actttcttct	tctcagagtt	catattctcc	aagcaatagg	gaagccatgg	780
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ttaattcctc	tgcccttcc	gcttctcagt	tacaacaact	gcagatgcag	ctgcagctag	900
aacggcagca	tgcccaggca	gcacggcaac	aactggagac	cgacgcgaac	gcaacccggc	960
gtactaacac	aagcagtgct	accactacaa	tcacacaatc	cacagcaaca	accaacatag	1020
ctaatacaga	aagcagtcag	cagactctac	agaattccca	gtttctttta	acaagggtga	1080
atgatcctaa	aatgtctgaa	acggagcgcc	agtccatgga	aagcgagcgt	gcagaccgca	1140
gcctgtttgt	ccaagagctc	cttctgtcca	ctttagtgcg	tgaagagagc	tcattctcag	1200
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ctttagatgt	tgcttttagaa	aacctaaatt	taaaagagag	taataaagga	aatgagcctc	1320
caccacctcc	tctttgatga	catcccaatt	cgcagacaat	gtcctctgtg	ctgtatttgc	1380
caatgaaagt	ggacaacaac	tatcttgggt	ttgtttgggtg	attgtaattt	caggtctgtc	1440
actcttggtta	cattgtgtac	attcaaaagg	aagagagaaa	atatatatga	taatcatttc	1500
cacttaacta	atttttactt	ctagcaggta	aatgtaggta	gcagtgcagg	ggtgatctct	1560
gcttcctgta	ccttgacatg	caaaaggctc	tcctaatact	ccacattcaa	actgaagagg	1620
aaaattgaaa	tctctaataga	agctgctgtg	tgtatttatg	aatattaatg	aataaaaact	1680
gcttggtatg	tttaccttaa	ctactgcatg	aggttttttg	cagcgtgcat	gagttttagt	1740
gaccttggtta	tttaagaagt	taaataacaag	gagtaaaact	taaaaaaaaa	atacaaagcc	1800
caaagctttc	ccaaacatta	ttcaatggtt	acacgacgaa	gtaggctttt	gaataatgtc	1860
tgctgaatc	acctttcttt	gtgtgcctcc	tacgcacaaa	gccagctctg	cagtgggaat	1920
ctgggggatt	atagccgggt	gtggcactcc	gccctgtgtg	actgtcctgt	cgccctgtta	1980
gtcatcttgc	ctgtgtggag	ctcagcctgt	ctctttaact	catctgtaga	agacacacca	2040

gtaaagctac	tgttggaaac	tgctgcaggg	gcctttgtgt	gccctaaaaa	caaatcctgt	2100
tcatgtttgt	ttaaagtttt	tactttttgt	ggttggttaa	aattttttca	attgttaa	2160
atgttttatt	caggtgtaga	tgaatttcat	ttattgactg	ttcaacagag	ttaacctgaa	2220
ttatgttgct	tttgttttta	aaaatctcac	attctcaatc	atattttgca	ttatttatgt	2280
atttgctttg	tagtttgctg	agacagatca	gtatcagggg	agctttgagg	atttgccttc	2340
ccagatttgt	cagtataatta	caaccaaatt	cttaatgcta	atttttagcac	cttttatatta	2400
ttgggttttt	tctggcataa	aaagtaaagc	cttttaattg	aatcatgcc	cctatatgcc	2460
tatattatta	atcctatgtg	taaaaaaaat	gtacagcttt	ttttgggttt	gttttggggg	2520
ttggaagggc	cgggttattt	tttatttcct	gtttcagttt	ttgtgcatag	actttcacia	2580
tagctccaag	gcagggacag	cgggtttggg	ggttgggagg	gcagtttttg	gaatgtaaat	2640
ttaggacttt	taaaaagggt	cgcacagctt	ctgataaatt	tataactaga	cttaacctaa	2700
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tgtcatcctt	ttccttttct	gtccgtgtat	ctccgtttct	tcaacatgac	aagcatacag	2820
acttgaacac	ccctccgggt	ttcttccgag	aactgtgaag	tccatgttca	tccaaatgta	2880
acaaaaaag	aagtcaccct	acatgtctga	aaaactgttg	cttctcctct	gaaacttcaa	2940
actccaacga	tttccaaata	caatagcttt	gttttcttta	gttctgtaat	ggataatgtt	3000
taaaggaaaa	ctttacacca	ggcttctggg	tacactagaa	gtcaagccca	ttagggattt	3060
tcatTTTTTT	tcatTTTggt	gttgagaagt	ttcaaaaatc	agttttcaag	ctgtggtctt	3120
tcaaacacat	ctgcacataa	gtcacacatt	tcaataaagc	atTTTcaaga	ctgttgacca	3180
cttgaatttc	tttgggtgta	gtggattaac	ctaaccatta	ctctgagatt	ttatatctct	3240
aatccagtat	tttttttctt	tttatgctaa	acatgggaga	tcctgggttt	gtgtgaatgc	3300
attatTTTgg	atgtgagaaa	taaatgccaa	ttatatgtac	tttccctttt	ctgcacaaat	3360
tctgggaaaa	tgtaaaagcc	ttcatttttt	aacatgggtt	tagggaacaa	ctgtaagtcc	3420
attcagagca	gttttaattta	gatgatcact	tttaacactg	cagaagacct	aaggagtc	3480
aagattccat	ctcatgtaga	atactgtata	ttaattattt	tttaccagat	atTTTcaaaa	3540
tacctcacct	catcctgtat	gtaatcaata	atgtattatt	ttagggtaga	acgcacacaga	3600
atatcaatat	aaaaatatat	tcaagccctt	gaaaaaaa			3637

<210> 8059
 <211> 1592
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (102)...(803)
 <223> similar to gi5832945 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8059						
tttcgtgccg	gggccccggg	tggcaccggg	caggcgggca	ggcggggcgc	atggagctgc	60
tctcggcgct	gagcctgggc	gaactggcgc	tcagcttctc	gcgggtgccg	ctcttccccg	120
tcttcgacct	cagttacttc	atogtctcca	tcctctacct	caagtatgag	ccaggagcag	180
tcgaactgtc	ccggcgccac	cccatcgctg	cctggctgtg	cgccatgctg	cattgcttcg	240
ggagctacat	cctggctgat	ctgctccttg	gggagccact	gatcgattac	ttcagcaaca	300
actccagcat	cctgctggcc	tcagctgtct	ggtacttgat	tttcttctgc	cccctggacc	360
tcttctacaa	gtgtgtctgc	ttcctgcctg	tgaactcat	cttcgtggcc	atgaaggagg	420
tgggtgcgagt	ccgcaagatc	gcgggtggga	tccatcacgc	ccatcaccac	taccaccacg	480
ggtggttcgt	catgattgca	actgggtggg	tcaaagggtt	tgggtgtcgc	ctcatgtcca	540
actttgagca	gctgctccga	gggggtctgga	agccagagac	caacgagatc	ctgcacatgt	600

acagggcaca	ggtagagcgt	ccccagacct	gtgcaatatt	ctacacgaaa	acattttggaa	1260
tgtgagcaat	gtctgaacag	gggcttgcca	ggcacatctg	atcaccataa	atgctcccac	1320
ccctgcctgt	cctcacttgt	gctgcactat	gcaagcaagc	agcaggttct	cagaaggcca	1380
ctgtcctgca	tgtcacaatg	agtggccaac	tccttcacag	aacagcaaat	agcagccctg	1440
gctacaagggt	gcagtgtgca	acccccatat	gccaaggggc	agctgctatc	ttccagcaga	1500
gagagaaccc	ccagctctgc	tccttaccta	tgccttgctt	cctgtgcctc	acacagccag	1560
ccttgctggc	ctgctggcta	ttgtctc				1587

<210> 8061
 <211> 2694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2695)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (136)...(976)
 <223> similar to gi4691245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8061

atgaagggttg	agccatggcg	ggcggggccg	gggaggcggg	cttgagagcga	gggggcgggg	60
caggcgccac	aaaaacgcgc	tgcgcgggc	gccgaaccgc	aactcccggc	gacccccgcg	120
ctcccgggtg	gcaagatggt	ggcgcgagg	aggaagtgcg	ccgcgcggga	cccggaggac	180
cgtatcccca	gcccactggg	ctacgcagct	attccaatca	agttctctga	aaagcaacag	240
gcttctcact	acctctatgt	gagagcacac	ggcgttcgac	aaggcaccaa	gtccacctgg	300
cctcagaaga	ggactctttt	tgtcctcaat	gtgcccccat	actgcacaga	ggagagcctg	360
tcccgcctcc	tgtccacctg	tggcctcgtc	cagtctgtag	agttgcaggga	gaagccggac	420
ctggctgaga	gccc aaagga	gtcaaggtcg	aagttttttc	atcccaagcc	agttccgggt	480
ttccaggtag	cctacgtggg	gttcacagaag	ccaagtgggg	tgtcagcggc	cttggccctg	540
aaggggcccc	tgctggtgtc	cacagagagc	cacctgtga	agagtggcat	tcacaaatgg	600
atcagtgact	acgcagactc	tgtgcccgc	cctgaggccc	tgagggtgga	agtggacacg	660
ttcatggagg	catatgacca	gaagatcgct	gaggaagaag	ctaaggccaa	ggaggaggag	720
gggggtccctg	acgaggaggg	ctgggtgaag	gtgaccgcgc	ggggccggcg	gcctgtgctc	780
ccccggactg	aggcagccag	cttgcggggtg	ctggagaggg	agagacggaa	gcgcagccga	840
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cagctgcgca	agaagttcga	ggaggacaag	cagaggatcg	agctgctgcg	ggcccagcgc	960
aaattccgac	cgtactgagc	tgtgagagcc	gcagtgaatg	gctggagggtg	cagggccagg	1020
aggaggcgag	gcagggcctg	cagcgggtctc	tgagaggccg	agctctggcc	aacggggccc	1080
aggttgaagg	ccaccgcgtc	caacagcccc	atcagagtcc	acacaggcca	ggagggaagg	1140
accaggccac	ccctcgggtc	ttgtgcttca	gcagtctctg	ggacccaggc	gtgcccagag	1200
gaggacttgt	ccttctctgt	tcttgccctc	acaccctcct	ctccaggacc	ctggatgaat	1260
ccgttctgtg	cttccctttc	cctcaatgca	aaagcccttg	ctggcaacga	aaaagcctca	1320
aaagcagtga	gaatacaaga	accttttatt	ttccatccag	ttgggcagca	gggaaaggct	1380
aggtgggccc	agcccgccct	tccttctctc	agctggctgg	agattattag	ccaggagaca	1440
gcagccctgg	aaccagact	ctgtctcccc	cttgagggtca	cagatgttga	agttggaatc	1500

tcgctccttc	ccctgactac	catcctaggc	tgggcctcaa	gactagttag	gcctgtcccc	1560
accatccctg	gccttggtgt	ggggctcagg	aactcagagt	cccagtgttg	agtctggggag	1620
cactaggtct	tcatagttcc	aggcccagag	ctacagctgg	gctgggagcg	tgtgtgtgca	1680
ctgtaagaag	gagctgatga	tactggccac	gtgctggggg	tcgctcatgt	ggacacagt	1740
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gtggccagag	gagcctaggg	agctccatgg	gccccggggg	cagggccctc	ccacagcatt	1860
ccagctccct	gcaggtcagg	agcgccctcc	acagttagtt	tccccacac	tcggctcctt	1920
ggagccccga	cagtccatag	caccccagga	gatgtctaac	cttagggact	tggaggcctc	1980
ccaggggtct	aggccagctg	agttgtgaag	ttgcatggca	gggacagggc	agggccaaag	2040
ccaggggttg	tgtgattgta	tccgaagtag	tcctcgtgag	aaaagataat	gagatgacgt	2100
gagcagcctg	cagacttggt	tctgccttca	agaagccaga	caggaaggcc	ctgcctgcct	2160
tggctctgac	ctggcgccca	gccagccagc	cacaggtggg	cttcttcctt	ttgtggtgac	2220
aacgccaaga	aaactgcaga	ggccccaggg	tcaggtgtaa	gtgggtaggt	gaccataaaa	2280
caccaggtgc	tcccaggaac	ccggggcaaa	gccatcccca	cctacagcca	gcatgccac	2340
tggcgtgatg	ggtgcagagg	gatgaggcag	ccaggtgttc	tgctgtgggt	tgggagccta	2400
taaagtgaga	ctaggctggg	catggtggct	cccatctgca	aaaccagcac	tttgggaggc	2460
caaggtgggc	ggatcgctg	aggtcaggag	tttgagacca	gcctggccaa	catggtgaac	2520
ccccatctct	taaaaatata	aaaattagct	gggcatggtg	gcaggtgcct	gtaatcccag	2580
ctactcagga	ggctgaggca	cgagagtcgc	ttgaacccgg	gaggtggagg	ttacagtaag	2640
ctgagatcct	cccactgcac	tccagcctga	gcgacagagt	gagactccat	ctca	2694

<210> 8062

<211> 1599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (163)...(1600)

<223> similar to gi5804886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8062

tttcgtcccc	agcagctgcg	gggcccgcac	cgcccgcgcc	gccgttgacg	gctgagtcac	60
cactagagag	tgggaagggc	agcagcagca	gagaatccaa	accctaaagc	tgatatcaca	120
aagtaccatt	tctccaagtt	gggggctcag	aggggagtca	tcatgagcga	tgttaccatt	180
gtgaaagaag	gttggggttca	gaagagggga	gaatatataa	aaaactggag	gccaagatac	240
ttccttttga	agacagatgg	ctcattcata	ggatataaag	agaaacctca	agatgtggat	300
ttaccttata	ccctcaacaa	cttttcagtg	gcaaaatgcc	agttaatgaa	aacagaacga	360
ccaaagccaa	acacatttat	aatcagatgt	ctccagtggg	ctactgttat	agagagaaca	420
tttcatgtag	atactccaga	ggaaagggaa	gaatggacag	aagctatcca	ggctgtagca	480
gacagactgc	agaggcaaga	agaggagaga	atgaattgta	gtccaacttc	acaaattgat	540
aatataggag	aggaagagat	ggatgcctct	acaacccatc	ataaaagaaa	gacaatgaat	600
gattttgact	atttgaaact	actaggtaaa	ggcacttttg	ggaaagttat	tttggttcga	660
gagaaggcaa	gtggaaaata	ctatgctatg	aagattctga	agaaagaagt	cattattgca	720
aaggatgaag	tggcacacac	tctaactgaa	agcagagtat	taaagaacac	tagacatccc	780
tttttaacat	ccttgaaata	ttccttccag	acaaaagacc	gtttgtgttt	tgtgatggaa	840
tatgttaatg	ggggcgagct	gtttttccat	ttgtcgagag	agcgggtggt	ctctgaggac	900
cgcacacgtt	tctatggtgc	agaaattgtc	tctgccttgg	actatctaca	ttccggaaaag	960
attgtgtacc	gtgatctcaa	gttgagagaat	ctaattgctgg	acaaagatgg	ccacataaaa	1020

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attacagatt ttggactttg caaagaaggg atcacagatg cagccaccat gaagacattc 1080
tgtggcactc cagaatatct ggcaccagag gtgttagaag ataatgacta tggccgagca 1140
gtagactggt ggggcctagg ggttgtcatg tatgaaatga tgtgtgggag gttacctttc 1200
tacaaacagg accatgagaa actttgtgaa ttaatatata tggaagacat taaatttcct 1260
ggaacgctct cttcagatgc aaaatcatgg ctgtcagggc tcttgataaa ggatccaaat 1320
aaacgccttg gtggaggtcc agatgatgca aaagaaatta tgagacacag tttcttctct 1380
ggagtaatct ggcaagatgt atatgataaa aagctggtag ctccctttta gcctcaagta 1440
acatctgaga cagatactag atattttgat gaagaatgta cagctcagcc tattacaata 1500
acgccacctg aaaaatatat agaggatggt atggactgca tggacaatga gaggcggccg 1560
catttcctc aattttccta ctctgcaagt ggacgagaa 1599

```

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<210> 8063
<211> 1052
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1053)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (405)...(509)
<223> similar to gi2501785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8063
tttcgtgcgg cgctggggag ggcgaggcgg aggcggcaaa acggggcggtc gagcagaacg 60
tgtagccgcg tcccctccag tccgctccgg gcagctgctg atgcaaggaa tcccctgggc 120
tcccgccac tccactgctg accagcccat tcgcctgtgc tgagtcttcc tgcaggcctt 180
tccttgctc tgtgggaccc tgtgggggtc catccggctg gagaagaaaa gcctctcatg 240
ctaacgttgc agaccccaga gggctctgtg tgggtgtgga gatggccaat gagaatcacg 300
gcagcccccg ggaggaagcg tccctgctga gtcactcccc aggtacctcc aatcagagcc 360
agccctgttc tccaaagcca atccgcctgg ttcaggacct cccagaggag ctggtgcatg 420
caggctggga gaagtgtgag agccggaggg agaatcgtcc ctactacttc aaccgattca 480
ccaaccagtc cctgtgggag atgcccgtgc tggggcagca cgatgtgatt tcggacctt 540
tggggctgaa tgcgaccca ctgcccgaag actcaagctt ggtggaaact ccccggctg 600
agaacaagcc cagaaagcgg cagctctcgg aagagcagcc aagcggcaat ggtgtgaaga 660
agcccaagat tgaaatccca gtgacacca caggccagtc ggtgcccagc tccccagta 720
tcccaggaac cccaacgctg aagatgtggg gtacgtcccc tgaagataaa cagcaggcag 780
ctctcctacg acccactgag gtctactggg acctggacat ccagaccaat gctgtcatca 840
agcaccgggg gccttcagag gtgctgcccc cgcactccga agtggaaact ctccgctctc 900
agctcatcct gaagcttcgg cagcactatc gggagctgtg ccagcagcga gagggcattg 960
agcctccacg ggagtctttc aaccgctgga tgctggagcg canggtggta gacaaaggat 1020
ctgacccctt gttgcccage aactgtgaac ca 1052

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<210> 8064
 <211> 1793
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (198)...(512)
 <223> similar to gi609278 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8064

ctcagtggag	agcggggaggt	tgtgtccacc	ttgccgacgt	cgctagccgt	ggggctgtcc	60
tgggaaggcg	gacggcgagc	gcccgggtgtc	cgactcggc	cgctgcccgt	gcccgtctgc	120
gcccgtgtca	tcctcactcg	ggacgcaggg	accgttttta	aatcacaggg	gcgtgtgtca	180
gcctgcccta	ggacttcatg	tctatatatt	tccccattca	ctgccccgac	tatctgagat	240
cggccaaagt	gactgagggtg	atgatgaaca	cccagcccat	ggaggagatc	ggcctcagcc	300
cccgcaagga	tggcctttcc	taccagatct	tcccagaccc	gtcagatttt	gaccgctgct	360
gcaaaactgaa	ggaccgtctg	ccctccatag	tgggtggaacc	cacagaaggg	gaggtggaga	420
gcggggagct	ccggtggccc	cctgaggagt	tcctggtcca	ggaggatgag	caagataact	480
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ttggttttct	tttcttttct	tgcctttttt	tttttttgaa	atttgccgag	cagtggagcc	720
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gtgaggggag	cgagtgtctgt	ttttgagatc	attatctgaa	ctcaggcagc	ctagtagagg	840
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<210> 8065
 <211> 2506
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (2427)...(593)
 <223> similar to gil572819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8065

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cccgtgcag	atcgactgcc	ttcagaaaca	aaaagtcccg	gcgcaaaggc	gttcccgagg	480
tggcagcctg	gcctgcaccc	cagctgtgct	gcccctgcag	agccccagca	gcgaggcaca	540
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caggtaggtc	accagggtcc	actggcagag	gtatccgtgc	aggggcaacc	ggccggcctc	1380
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gccagtaaac	aggatgcgca	cgtcccgcct	catagctgcc	gcccgaggcc	gctccccgac	2460
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<210> 8066

```

<211> 3064
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (181)...(2567)
<223> similar to gi5457045 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8066

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aaatcatctg ggtggattgt gtacggagtt aaactgcgcc ttctggaccg ggtctgaaca    180
atggagactg cgctagcaaa aacgccacag aaaaggcaag ttatgtttct tgctatatattg    240
ttgcttttgt gggaggctgg ctctgaggca gttagggtatt ccataccaga agaaacagaa    300
agtggctatt ctgtggccaa cctggcaaaa gacctgggtc ttgggggtggg ggaactggcc    360
actcggggcg cgcgaaatgca ttacaaaggga aacaaagagc tcttgagctt tgatataaag    420
accggcaatt tgctttctata tgaaaaacta gaccgggagg tgatgtgcgg ggcgacagaa    480
ccctgtatat tgcatttcca gctcttacta gaaaatccag tgcagttttt tcaaactgat    540
ctgcagctca cagatataaa tgaccatgcc ccagagttcc cagagaagga aatgctccta    600
aaaatcccag agagcaccca gccagggact gtgtttccct taaaaatagc ccaggacttt    660
gacataggta gcaacactgt tcagaactac acaatcagcc caaattcaca ctttcatgtt    720
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gaatttttac aatcattcta tgaggtagag gtgcccagaga acagccccct taactcctta    960
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gacaacgccc ctgaactcac catgtctacg ctctccagcc ctaccccaga aaatgccccg   1260
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ccgggctacc tggtagacaa ggtggtggcg gtggacggtg actcgggcca gaacgcctgg   1980
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gtgctggtca aggacaatgg cgagcctccg cgctcggcca ccgccacgct gcacgtgctc   2160
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ggcgagttca agttcctgaa gccgattatt cctaaccttt tgccccaggg cgctggtgaa   2520
gaaataggga aaactgctgc cttccggaat agctttggat taaattagag atctcgtgat   2580

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tgaacttcat	gctgtccaag	tgttgaaaag	tcaattttat	ttcattgcat	ttattttacat	2760
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attaaaaatg	tttcacatca	tcatatttta	attgtttaaa	acaaagacaa	atacatatcat	3000
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tttc						3064

<210> 8067
 <211> 1641
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (405)...(1485)
 <223> similar to gi2190404 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8067		
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accgcccgcg	ccagtcaact cctcgcactt tgcccctgct tggcagcgga taaaaggggg 180	
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cagcgcgtag	cgggcggtct cgaaaccgca gtctctcggc gaccccgaaac tccgctccgg 360	
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gggtcctgca	gaatggagga gataagttgg agacgatgcc cctctacttg gaagacgaca 540	
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gcccgaaggt	tgaatatgtc tggagaaaca tcatccttat gtctctgcta cacttgggag 660	
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ggatggccgc	cctcggctctg acctatgacc ggaagaaagt ctccaaggcc gccatcttgg 1440	
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gttccctttt	caaaaaccag ccaggcagag gttttaatgt ctgtttatta actactgaat 1560	
aatgctacca	ggatgctaaa gatgatgatg ttaaccatt ccagtagagt attcttttaa 1620	
aattcaaaag	tattgaaagc c	1641

<210> 8068
 <211> 2119
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1916)...(1177)
 <223> similar to gi4929623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8068
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 aaggatgggg aaaagaagca tgggtgatta actcctttta tcccacccct ggaaggaaag 180
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 caagttcccc cacaattaca aattcctttt tattagtcaa aatcacatc actttgatta 420
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 ctggggagtc cgcgtgggtg ggcaacgcga cccacagagg ggcgcggtgc aatgtcacc 2040
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 tcctctacgg aagacgaaa 2119

<210> 8069
 <211> 1499
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (293)...(1072)
 <223> similar to gi747876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8069
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 ggcatttgtg gcttcatttc ttctgtggcc ttcagcactg ataagaatct attattggta 240
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 ttattccttc cggggcaggc ctgggcacaa accctccatc ctcatgctcc acggattctc 360
 tgcccacaag gatattgtggc tcagtgtggt caagttcctt ccaaagaacc tgcacttggt 420
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 agatgggcaa gttaagagga tacaccagtt tgtagaatgc ctgaagctga acaaaaaacc 540
 ttccacctg gtaggcacct ccatgggtgg ccaggtggct ggggtgtatg ctgcttacta 600
 cccatcggat gtctccagcc tgtgtctcgt gtgtcctgct ggcctgcagt actcaactga 660
 caatcaattt gtacaacggc tcaaagaact gcagggtctt gccgccgtgg agaagattcc 720
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 cttctaccga aagttgtttt tggaaatcgt cagtgagaag tccagatact ctctccatca 900
 gaacatggac aagatcaagg ttccgacgca gatcatctgg gggaaacaag accagggtgct 960
 ggatgtgtct ggggcagaca tgttggccaa gtcaattgcc aactgccagg tggagcttct 1020
 ggaaaactgt gggcactcag tagtgatgga aagacccagg aagacagcca agctcataat 1080
 cgacttttta gcttctgtgc acaacacaga caacaacaag aagctggact gagggcccga 1140
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 ccttatccct ggtatccacg gttccccaga gctttgggga ccacgcgaaa acctccaaga 1320
 tatttttcac aaaatagaaa ctcatatgga acaaaataag aaaccccagc catgaaatct 1380
 accatgaagt cttcaagttc atgtcactga caagcttgtg caaagcagcc accttgacc 1440
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<210> 8070
 <211> 2095
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(1512)

<223> similar to gi30184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8070

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gggttatgag	gacctgcacc	tggaagtaca	ccagaccttc	caggaactgg	ggcccathtt	240
caggtacgat	ttggggaggag	caggcatggt	gtgtgtgatg	ctgccggagg	acgtggagaa	300
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caaccgattg	cggctgaatc	cagaagtgtc	gtcgcccaac	gctgtgcaga	ggttcctccc	480
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<210> 8071

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(670)

<223> similar to gi4529888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8071

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cctgtagggg	ctacaccact	cattggggat	gaatctgaga	atcttgaggg	agatggggac	360
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aagggggggt	cctgtcctag	ccggggccaag	atgtcaatga	caggggcggg	aaaatcacct	480
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<210> 8072

<211> 1686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1519)...(775)

<223> similar to gi3283908 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8072

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ggtcaccttg	gggcttccca	tactgccctg	agaatgggtg	ggatgagggc	atgcaaacga	180
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gtcagagcct	agtggcctgg	gagggcgacg	gggcacccag	ctcaggccca	gcctcgagg	300
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ggagcagaag	cctgggtccca	agacagcagg	aagaaagcag	gaccctcgct	aggcggccag	420
atggcctgag	gcccacccag	acagggacgg	gacctgccct	gggtcgctca	gccaggcagg	480
gacagcaggg	accagaatcc	aggtctcctg	agccaggcag	aagccaaagt	agcttgagg	540
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cccatc
1686

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<210> 8073
<211> 3381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3188)...(326)
<223> similar to gi5257007 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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agcattcaga actgttaaga caaaagacaa actataattt taaactcaat cttgatttaa 180
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cttcaaggac tttttgttta tttttatata ctagttttct tctgtgacaa gttgatttta 360
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gcagcatctg gtccctgggt aattggcttc tcaatgctga catttgcaag tgcattctca 480
ccaaatatgg aacagcaca aagggtggct gccataaagc cacagtaacc agaaagggcc 540
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tcagacaaga ccttgaggca cagggaat ccatccacat catcatcagt aattggcttc 1380
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<210> 8074

<211> 2517

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1492)...(568)

<223> similar to gi4884406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8074

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aaagattttt	ggtgggggga	atgtaggaag	tcaaataatt	tagaaggagt	aactatagaa	180
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tagcaaacac	tcagttgact	gtatctcaag	ttcaaactgc	actcacctgg	ctataaaggt	480
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<210> 8075

<211> 3379

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2119)...(2507)

<223> similar to gi4406561 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ctacatggcc atgggcttcc cagggatatga cctctcggct gatgacatag ctgggaagtt 180
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gttaccaccg tacatcattt tgaggggaac atatatcccc ccgggggaagt tccccagtgg 900
gatggaaatt cgctgccacc ggtatgggtg gatgactgaa gacttgatgc aggactggtt 960
ggaagtgggtg tggagacgga ggacaggagc agtgcccaag cagcgaggga tgctgatctt 1020
gaatggcttc cggggccatg ccacagattc cgtgaagaac tccatggaaa gcatgaacac 1080
tgacatgggtg atcatcccag ggggtctgac ctacagctt caggtgctgg atgtcgtggt 1140
ctacaagcca ctgaatgaca gtgtgcgggc ccagtactcc aactggcttc tggctgggaa 1200
cctggcgctg agcccaaccg ggaatgctaa gaagccaccc ctgggcctct ttctggagtg 1260
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catactggcc tgggtgccagc agatggcttt tctatagaca aactaggtta gtgtggaaga 2100
tatagggttaa aataaactat gctgttttat ttatcttccc aacctgattg gcagctagac 2160
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atatttaaac tgttcttggc atcttgaaac acctatttct actcaggta tcatgtcct 2700
gttactgatt cacctttctg atccttttca accagtttcc cccaagggg ggaaatttta 2760
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cgctccacca acacctctgt gagtctcatc atcagctgag cgatgatgcc ttacagggtg 3120
catagcactg gaactttcct agagtaacgg ctctgctgcc agggtttctc tgggctcatt 3180
cttccactga cttaattatg atctatgcct aacagagccc cagtacaact attttgcaga 3240
atggctgtta ccctagaatt actatagcac atattgagat atagttgtac tccctagtag 3300
ataggaactg accccaacaa taaactttga taataaagac aaaaaaaaa ataggggggg 3360

```


<210> 8076
 <211> 1684
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1339)...(888)
 <223> similar to gi512449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8076

tttttttttt	ttccacacta	gaatacttta	ttcaagagaa	tctggcttgg	cagtcagatg	60
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tgccttcagc	tgggacgcac	aggtccctcc	cctggtgacc	tcatccccac	tggttgagct	180
gtttctcatc	caggcagctc	tttctccagc	ccggggccca	ctctgtatgt	gtctcttagg	240
gggggcaggg	tgggtgggcac	cttggcccgg	aaagaccaat	gtcccagtac	aagcaaattg	300
caaagtgtga	ggggagatca	cgggggacaa	ggagtggcaa	aagccccag	gcaaccactg	360
ttctccagag	ctgaatgttc	tgatcttcag	aagaagagg	ggaagtggct	ggatccccct	420
cgcccgtgc	cggccttccc	accagccagg	ccgtggcggc	cccagcagga	tccgcatccc	480
tacttttggg	caggagctcc	gaaagcaagg	gctgcttgac	tgtgcagagc	ctgaggccca	540
agaacaggta	gcaggggccc	cttctttcct	tctgcaggcc	cctggagacc	tccagggcct	600
ctggggccta	gcttgcccct	cacgaggcca	cgtgtcttgc	ttctttcaaa	gcggaagctc	660
ccaggggtct	gtggctggct	tctctctttc	tctcacgttg	ttgaaggcac	tgaattcctg	720
agggtcctgt	ccttccctgc	ccctcgtctt	gaagggagcg	aggcattcag	cagggaacaa	780
gttggcta	aaatagagg	caggtaccag	caggagtcac	tgaagagtgt	gacggtaata	840
aatacacgag	ccgggtgcgg	ggtctctctc	ctccaagggg	tgggttacct	ccggggaaca	900
gcatcgccgc	acctttccgg	cttcatcttc	tcccgcagag	gcgggcattc	gcagcgaacg	960
tgtcgagaga	acgtcagctc	cacgtaggag	ggccggtccc	cagaacggat	ctttaggagc	1020
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ccggtgcagc	gcagcaggga	gacacaggat	gggtgaaca	tgtgctccac	ctcgctgggg	1140
tactcggaca	cgacgtccac	cagcctctcc	agcgcccggc	agtagctgcg	gccccacact	1200
tactggaagg	gtaccacttc	cacctctgac	gagccgttcc	cagcagacaa	ggcccaactgc	1260
tgggggggca	cagcaggcag	cgccagccc	gccaggagct	gcaggaagca	agggaacagc	1320
ctcatgaccg	gcatcttctc	agacgtccc	agccaggggg	ctccgaggga	aaaccaccat	1380
gctcatcccc	cggggagccc	ctggcacagg	aggagaagag	ctgagtgggg	ggctggacgc	1440
ctccctcact	gctgccccga	ggccccggcc	ggtggttcga	gcatcttctg	gaagccttgc	1500
ggagtcagga	gcccgtaggt	aaggctgtgg	ctggggaacc	cgacggggag	cggccccggc	1560
gggcggggcg	ccgaggggca	ggcgggtccc	ggggatggtc	cgtcggggcg	ccagtgccac	1620
tccaggtcct	cccgtagctg	ggcggccgct	cgtcgatgca	gtttcctccg	cagacagcag	1680
ctcc						1684

<210> 8077
 <211> 1164

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (375)...(600)
 <223> similar to gil938458 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8077

gcaattcgca	tctgctgtgc	ggcctgcggg	cgcgcgctcc	cttatcggcc	aacggacgcg	60
aggcgcgcgc	catggaacag	cggttagctg	agtttcgggc	ggcgcggaaa	cgggcgggtc	120
tggcggccca	acccctgct	gccagtcagg	gcgcacaaac	cccaggagag	aaggcgggaag	180
cagcagcgac	tctaaaggca	gccccaggct	ggctaaagcg	gttcttggtg	tggaaacctg	240
ggcccgcgag	tgcccgggcc	cagcccgggc	tagttcagga	agcggctcag	ccccagggca	300
gcacatcaga	gacacatgg	aacacagcca	ttcctctgcc	gtcgtgctgg	gaccagtctt	360
tcctgaccaa	tatcaccttc	ttgaagggtc	ttctctgggt	ggtcctgctg	ggactgtttg	420
tggaactgga	atattggcctg	gcatattttg	tcctgtcctt	gttctattgg	atgtacgtcg	480
ggacacgagg	ccctgaagag	aagaaagagg	gagagaagag	cgccactact	gtgttcaatc	540
caggctgtga	agccatccag	ggcaccctga	ctgcagagca	gttgagcgcg	gagttacagt	600
tgagaccctt	ggcagggaga	taggacccag	ctgtgctgtc	atgcagctaa	cctctgatgt	660
ggctcttctc	accattggct	atggatttga	tttcagggtg	ataggactaa	gggcagcttg	720
cgggttagct	ctgtgactgc	atagtttttc	taccttcttt	cctgatctt	ttgctgccat	780
ttgatctttg	atagttttgg	tgaactctc	taaaatacat	tcactgtggg	tccgacgcaa	840
tttataaaaa	ttatgtactc	aagaaggagg	acctgtttgt	ttcatttctc	atctgttttg	900
gagatgattt	tagagcacta	gaaaggcact	ggggagattc	tcagcttaaa	acatccagca	960
gtttgaagta	tgattaggta	catcagggtc	gcattgtcaa	tgttctcttt	aagtctttta	1020
acatttatag	caattttttt	tttcccgagg	agtttaggtt	gcaagttttg	ggtttcttgt	1080
ttgtttttgt	tttgcttctc	gctttaattc	tttaattttc	agccattact	ggtattgaaa	1140
aataaaatat	ctttaaaaaa	aaaa				1164

<210> 8078
 <211> 1713
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (222)...(954)
 <223> similar to gi2570009 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8078

ataacgattt	caagagctgc	acttaagcat	ctagaatttt	ctgcgtcaca	cctcttgaga	60
gaagagactg	gctccaggtc	tgactcagtc	cactacaagc	tagacggtct	tcttaaagca	120
ccaacattac	ttgagtcttt	ggataaaaatt	gagaaaagag	tctacaagta	ttgtggactc	180
tacaggaggc	aggaggctga	caactggcag	taaagacaaa	gatgtcaggc	ctgcggcccc	240

gcaactcaagt	ggaccctgag	attgagcttt	ttgtaaaggc	tggaagtgat	ggagagagta	300
ttggaaactg	tcccttttgc	caacgccttt	tcattgatcct	ctggcttaaa	ggagttaaat	360
ttaatgtgac	aactgttgac	atgaccagaa	agcctgaaga	actaaaggac	ttagccccag	420
gtaccaatcc	tccgttctctg	gtgtataaca	aggagttgaa	aacagacttc	attaaaattg	480
aggagttttt	agaacaaacc	ctggctcctc	caaggtagcc	tcacctgagt	cccaagtaca	540
aggagtcttt	tgatgtgggc	tgtaacctct	ttgccaagtt	ttctgcatac	attaagaata	600
cacaaaagga	ggcaataaag	aattttgaaa	aatctctgct	caaagaattc	aagcgtctgg	660
atgactactt	aaacacccca	cttctggatg	aaattgatcc	agacagtgct	gaggaacccc	720
cagtttccag	aagactattc	ttggatgggg	accagctaac	actggctgat	tgtagcttgt	780
tacccaagct	gaacattatt	aaagttgctg	ccaagaaata	tcgtgacttt	gacattccag	840
cagaattctc	aggagtctgg	cgttatctcc	acaatgccta	tgcccgtgaa	gaatttaccc	900
acacgtgtcc	tgaagacaaa	gaaattgaaa	atacttacgc	aaatgtggct	aaacagaaga	960
gttaggagag	ctcttacagg	agaaaaggct	atatttgtga	tcagatttta	cttattgaca	1020
tattagaaag	gtttttgcaa	ataagaatat	gaaaaatact	gtttcttcta	tccaactctc	1080
ttatgaaaag	gaactctgta	ttttctatta	gccataaata	atctgtccac	tgtattttac	1140
aggtcttcat	acttttactt	aattttcttt	atctgtatgg	caaaccactg	caatcctgaa	1200
tgacatggaa	agcatcacia	tcttttgccc	tttgcttgaa	ttcctggaat	gcatacatat	1260
aagctaaaaca	gatgtctgca	gttataaatg	tcataagtag	aggtacaatc	tcaccctgct	1320
ccttagaaac	atttccatat	aaatcgctaa	aataatttca	cattttttgtt	agtttaatat	1380
atacatgagt	ttatttctga	tataaataat	aaatacagag	agtgagcata	tcagagaggc	1440
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tagaacagca	tttgacgcct	agaactatga	ccacctcaag	gtcagagatg	agaatgtagc	1560
ctttgtgacc	agatttatatt	attttttaaat	gaagaagcac	tcattaaata	aaacataatt	1620
ttaaaaaaca	atataagaaa	caaagtcaac	tgaatctttt	attcatagaa	atgaaaagga	1680
aaataaaaaac	tgtggctgac	gtcgacgcgg	ccg			1713

```
<210> 8079
<211> 1983
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1984)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (300)...(1092)
<223> similar to gi5668737 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8079							
tttgattcgt	agacctagtc	cgtgcggttg	aattccttcc	ttgcccggat	tcccagaagc		60
tggagaaaaga	gtgccagtc	tccgaagagt	ccatgggggtc	taattocatg	cgttctatcc		120
tggaggaaga	cgaggaagac	gaggagccac	caagagtcct	tttataccac	gaaccacggt		180
cgtttgaagt	aggaatgcta	gtctggcata	aacataaaaa	atacccttcc	tggccagcag		240
tggtcaaaag	cgtcaggcag	agagataaga	aagcaagtgt	gctatacatc	gaaggacaca		300
tgaacccgaa	aatgaaaggt	ttcacagtgt	ctcttaaaag	tttaaagcac	tttgattgta		360
aagagaaaaca	gacgcttctg	aatcaagcca	gggaggactt	caaccaggac	atcggctggt		420

```

gtgttccct catcaccgac tacaggggtcc ggttaggctg cgggtctttt gctggctctt 480
tcctggaata ttacgaggct gatataagct atcctgtccg aaaatccatc cagcaggacg 540
tggtggggac caagcttcct caactgagca aggggagccc cgaggagccc gtggtggggt 600
gccccctggg gcagaggcag ccctgccgga aaatgctccc cgaccgctcg cgggccgccc 660
gggaccgggc caaccagaag ctggtggagt acattgggaa ggccaagggc gcggagagcc 720
acctgcgggc catcctaaag agcaggaagc catctcgctg gctgcagacc ttcctgagct 780
ccagccagta cgtgacctgt gtggagacct acctggagga tgagggggcag ctggacctgg 840
tggtgaagta cctgcagggc gtctaccagg aggtgggggc caaggtgctc cagcgcacca 900
acggcgaccg gatccgggtc attctggacg tgcttctgcc cgaggccatc atctgtgca 960
tctctgcggg ggacgagggt gactacaaga cggctgagga gaagtacatc aaggggcctt 1020
cgctgagcta ccgggaaaaa gaaatatttg acaaccagct ccttgaagag cggaaccggc 1080
gccgtcggtg agggagcagc cggctgtgct gtcagcgggg cctggcgggt gaagcgcctc 1140
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gtctgtgct tctcctgccg tggcagttcc ctgatttcca tacttctgga gaatccattt 1260
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tttttacaag ataccgttcg ggaaaggctt ttgaaaggac ggaagcgtat tctactgtgcg 1380
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catctgatat taaacgggag gttttaagaa gcgtctgccg tgatcatgga gcttcggaag 1500
cgggaatggt tcttccgggt ttgctgtttt gtctgtttcc cccttgtgtg gtttccgcct 1560
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cgcccgcctg ggncttggtc tgagtgcatt tccctgcaat gtgtcgtcaa tgcacagcca 1860
gtcaacgcgg tcttagtcaa tcgggcgcgg atgggtaatg ttnggggttc caggggtggg 1920
ccgcaagcan ttcaagggtc aattttnggg aagcctnggg gttggaantg aacaaancgc 1980
att 1983

```

```

<210> 8080
<211> 1787
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1788)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (95)...(406)
<223> similar to gi2443310 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8080
atgtcgcgcc gacctgaatt cccggatcga cgatttcggt cccaaccgc cagtcgcggt 60
ctccggcgcc agctacgccg ctgccgctgt cactatggcc cattacaaag ccgccgactc 120
gaagcgtgag cagttccgga ggtacttgga gaagtcgggg gtgctggaca cgctgaccaa 180
ggtgttggt gccttatatg aagaaccaga gaaacctaac agtgctttgg attttttaaa 240
gcatcactta ggagctgcta ctccagaaaa tccagaaata gagctgcttc gcctagaact 300

```

```

ggccgaaatg aaagagaagt atgaagctat tgtagaagaa aataaaaaac tgaaagcaaa 360
gcttgctcag tatgaaccac ctccaggagga gaagcgtgct gaataggatt cttctcagtt 420
tgaaagacaa tgaaaaatgg ttttgtatga cttgaatagt ttgtatagta tataatcttt 480
tctgaacaga tgctatttga actcttttaa tatgtgtaat tcacctatca cactctgtta 540
aaaacacata gaatcatcaa taaaaactca atataacttt ctttgggtct taaagcagga 600
gaatccaaag taaatcctga acaaaaccta aacacagcca tctaactcat taccttaaaa 660
gacattctgt ttattagtct gattaggaat gatggcactg gttgtatttt agccaagaca 720
gttttagcatg gagctattcc ttggtgcagt tcaggatatg aacacagggt acagtcattc 780
tttgaacggt gacactgggt ctgtatatcc cctataggca gctggagaga tctgtgtgac 840
acaagatgct tttgtacggg gttcccatga atcttctgct cttgtttgtg tgacatggaa 900
caaataactt ctttgccacc actttgcctt agataactgt gtgtgtgtgt gccagtttga 960
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gcctaataat agcagttacc ctgattgtaa tttatgtaac tttaaacagg atcacactgt 1140
acccctgcc tgcttattt gcttactgag cacaggacag aggcaatata caactctggg 1200
ttcacacaca agctgagatg agaagaggaa tgagccatat attggggaaa atcatagttt 1260
gtaggtataa ttatatagtg cttttctccc tcaaagtatt tttctagcct tgaattcatt 1320
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tttttaggcc aaagactgat attaatacaa atcactcact aactgtagag ccttgggcat 1440
tatcagttaa ctactctgag atttactgtc ttcactctgt taatgagtag aatgtccgtg 1500
atgcctacct cacagggttg ttgtgagggg caaatgagaa tgtatgtgaa agatttgtaa 1560
atggtaaagc actatattct tgttttgttag tcctttttcc tttctttggg tagacctaca 1620
gtcagatgtt ttgttttatg gatcacttat tttccttact ggtagactgt cgttttatag 1680
acatattcct atttcatata ttctctccct gttgttagag aacctatctt tgtttttggt 1740
caaacacac atagaaaaca naatgatcca atgaaaactg ggttaac 1787

```

```

<210> 8081
<211> 3273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(2707)
<223> similar to gi2984586 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8081
cggtctttct cggtcagtc tcagcgaagc gtctgcgacc gtcgtttgag tcgtcgctgc 60
cgctgccgct gccactgcca ctgccacctc gcgatcagg agccagcgtt gttcgcccga 120
cgctcgctg ccggtgggag gaagcgagag ggaagccgct tgcgggtttg tcgccgctgc 180
tcgccaccg cctggaagag ccgagccccg gccagtcgg tcgcttgcca ccgtcgtag 240
ccgttaccg cgggcgcca cagccgcgg ccgggagagg cgcgcgccat ggcttctgga 300
gccgattcaa aaggtgatga cctatcaaca gccattctca aacagaagaa ccgtcccaat 360
cggttaattg ttgatgaagc catcaatgag gacaacagtg tgggtgcctt gtccagccc 420
aagatggatg aattgcagtt gttccgaggt gacacagtgt tgctgaaagg aaagaagaga 480
cgagaagctg tttgcatcgt cttttctgat gatacttgtt ctgatgagaa gattcggatg 540
aatagagttg ttcggaataa ctttctgtga cgcctagggg atgtcatcag catccagcca 600
tgccctgatg tgaagtacgg caaacgtatc catgtgctgc ccattgatga cacagtggaa 660
ggcattactg gtaatctctt cgaggtatac cttaagccgt acttctctga agcgtatcga 720

```

cccatccgga	aaggagacat	ttttcttgtc	cgtggtggga	tgcgtgctgt	ggagttcaaa	780
gtggtggaaa	cagatcctag	cccttattgc	attggtgctc	cagacacagt	gatccactgc	840
gaaggggagc	ctatcaaacg	agaggatgag	gaagagtcct	tgaatgaagt	agggatatgat	900
gacattgggtg	gctgcaggaa	gcagctagct	cagataaagg	agatggtgga	actgcccctg	960
agacatcctg	ccctctttta	ggcaattggt	gtgaagcctc	ctagaggaat	cctgctttac	1020
ggacctcctg	gaacaggaaa	gacctgatt	gctcgagctg	tagcaaata	gactggagcc	1080
ttcttcttct	tgatcaatgg	tcctgagatc	atgagcaa	tggtggtgga	gtctgagagc	1140
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gagctagatg	ccatcgctcc	caaaagagag	aaaactcatg	gcgaggtgga	gcggcgcat	1260
gtatcacagt	tggtgacctc	catggatggc	ctaaagcaga	gggcacatgt	gattgttatg	1320
gcagcaacca	acagacccaa	cagcattgac	ccagctctac	ggcgatttgg	tcgctttgac	1380
agggaggtag	atattggaat	tcctgatgct	acaggacgct	tagagattct	tcagatccat	1440
accaagaaca	tgaagctggc	agatgatgtg	gacctggaac	aggtagccaa	tgagactcac	1500
gggcatgtgg	gtgctgactt	agcagccctg	tgctcagagg	ctgctctgca	agccatccgc	1560
aagaagatgg	atctcattga	cctagaggat	gagaccattg	atgccgaggt	catgaactct	1620
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cctgagctgc	tcaccatgtg	gtttggggag	tctgaggcca	atgtcagaga	aatctttgac	1980
aaggcccgc	aagctgcccc	ctgtgtgcta	ttctttgatg	agctggattc	gattgccaag	2040
gctcgtggag	gtaacattgg	agatggtggt	ggggctgctg	accgagtcac	caaccagatc	2100
ctgacagaaa	tggtatggcat	gtccacaaaa	aaaaatgtgt	tcattcattg	cgctaccaac	2160
cggcctgaca	tcattgatcc	tgccatcctc	agacctggcc	gtcttgatca	gctcatctac	2220
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ccagttgcca	aggatgtgga	cttggagttc	ctgggtaaaa	tgactaatgg	cttctctgga	2340
gctgacctga	cagagatttg	ccagcgtgct	tgcaagctgg	ccatccgtga	atccatcgag	2400
agtgagatta	ggcgagaacg	agagaggcag	acaaacccat	cagccatgga	ggtagaagag	2460
gatgatccag	tgccctgagat	ccgtcgagat	cactttgaag	aagccatgag	ctttgcgcgc	2520
cgttctgtca	gtgacaatga	cattcggaag	tatgagatgt	ttgccacagc	ccttcagcag	2580
agtcggggct	ttggcagctt	cagattccct	tcagggaacc	aggggtggagc	tggtcccaagt	2640
cagggcagtg	gagggcgac	aggtggcagt	gtatacacag	aagacaatga	tgatgacctg	2700
tatggctaag	tggtggtggc	cagcgtgcag	tgagctggcc	tgccctggacc	ttgttccctg	2760
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caaaacaaaa	gcgataaaat	aaaagcgatt	ttcatttggt	aggcgagagag	tgaattacca	2940
acagggaatt	gggccttggg	cctatgccat	ttctgttgta	gtttggggca	gtgcagggga	3000
cctgtgtggg	gtgtgaacca	aggcactact	gccacctgcc	acagtaaagc	atctgcactt	3060
gactcaatgc	tgcccagagc	ctcccttccc	cctatccaac	ctgggtagggt	gggtaggggc	3120
cacagttgct	ggatgtttat	atagagagta	gggtgattta	ttttacatgc	ttttgagtta	3180
atgttgga	actaatcaca	agcagtttct	aaacaaaaaa	atgacatgtt	gtaaaaggac	3240
aataaacgtt	gggtcaaaat	ggaaaaaaa	aaa			3273

<210> 8082

<211> 903

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (858)...(432)

<223> similar to gi4679014 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8082
ttggtaatcc aatttggaga gtggccactg aaatcaatta aaaatgttta ttctgaaaga 60
tgctactata aagtttatag actcaaatgc ttataatgct taatcaaaac taaatttaca 120
aaaaaaccta gaaacagggt gaattgaaac ctgtagatca ttttataata ttcagagca 180
acaacttttt taaagacaaa ggctactgtt ttaatatata ttaagagctt taacatgatc 240
tccctttagt gcttttaatt gtcacatggc tgtaaaccac agacccctcc aaattttaaa 300
tgatcactga tactacttga gcagaaattc tcaggtgtca gtacttttaa tgttgtgtac 360
atcaaattac agtacaaaga tgactataaa caagatgcag ccctcgggtt ccatgaacag 420
cacactatta cagtaaacca agtttatatt ccaccatcaa gtgtggctct cccatgactt 480
cgctttgtga tggatcatta agaatatcct caaatccaat agtctcatca ttaccctca 540
aaacatccag tgaaagattt gagcttgaaa gaaatggaag acgctgaacc tgctgcactg 600
ccttgaattc catctgtaat tttagcggag caaatagacc ctgaatgttt ctcagtgtgg 660
aaaaattcat tttatcttgg ttgagctgga aatttttttc tgataattca aggggatgac 720
taggcaaaag ttcatttttc acacaagaaa aacctttccg aagaagatca tgactttcaa 780
aaggccact tgctgaaagt tcagtaactg gaatactgtc ctttagctca gatccaagtc 840
ctctggcatt catcttccgc agctctgcga acagcctctc tgccccgta ccgtcagtcg 900
acc 903

<210> 8083
<211> 849
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (551)...(215)
<223> similar to gi3874352 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8083
tttttttttt ttatagaaaa atataacttt aataaggaaa ttcaactaag ggtaggagta 60
ctccaggaac aatggtaatc cccacatgat gatctgattc tcttctggga gcaaaacatt 120
gcaaccagac aggatggaca aggcatctaa aaaccagta tccttcacct tccgaaagga 180
gggagggact gtagagttgc ccaggaaaaa ggtcaagagt ctcccttctc ctggaacttg 240
cagttggtac aggtgtagaa gacagtttgc ccttcacggc ctgaacgcat ctgtctggtg 300
tggtatgcca ttccttcatg accacatcga gggcagcgcc tgtcaaccac aggtccctgg 360
cactcaggcc ctctctccac cgacataggc atggctgtcc ccagttggtg gaacacaacc 420
gaagtcttca caaccttccc ctcaaagtcc cgaacgttga tgttgaagcc acagcgaata 480
caggtgaccg tatectgagc cccgggcaga ggcaggaccg agccgcaatc tgaacagaaa 540
tccaggtccg actgaaagct ggagcaagta ttggcgaggt ccatgacaga catgcggtcg 600
ggtctgagga gggagttgga agtttattaa caaaagagag aagagttcct gtcccagagg 660
tcgtaactat tctgtcccag gacctaggag tatataacct gaacctcct gccacgcacg 720
cctcctgcct ctgcgaccaa ggagccgaaa cggccggaat tcccagacag cgtcgggtac 780
taaagcactt ggaacctttt ccgaattccc cgcgctgtac atggtctcaa cctttttttc 840
cttacattc 849

<210> 8084
 <211> 1001
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (142)...(582)
 <223> similar to gi5262549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8084
 cactagtagc tgggtgctcca ggctggcggc gctcaccttt ctcctagccg ggtgacccag 60
 gggatttatt atatgttggc tttctctgaa atgccaaagc caccogatta ttcagagctg 120
 agtgactctt taacgcttgc cgggggaaca ggaagatttt cgggaccatt gcacagagca 180
 tggagaatga tgaacttccg tcagcggatg ggatggattg gagtgggatt gtatctgtta 240
 gccagtgcag cagcatttta ctatgttttt gaaatcagtg agacttaca caggctggcc 300
 ttggaacaca ttcaacagca ccctgaggag ccccttgaag gaaccacatg gacacactcc 360
 ttgaaagctc aattactctc cttgcctttt tgggtgtgga cagttatttt tctggtacct 420
 tacttacaga tgtttttggt cctatactct tgtacaagag ctgatcccaa aacagtgggc 480
 tactgtatca tccctatatg cttggcagtt atttgcaatc gccaccaggc atttgtcaag 540
 gcttctaata agatcagcag actacaactg attgacacgt aaaatcagtc accgtttttt 600
 ccctacgatt acaaaactgc cagtcctata tggagtctga tcacaagact gcagtttctt 660
 cacagatctc aggaagttgt cgtggggcag aggccttttta aaaacatgtg attagggagc 720
 tatctttatc tgaataataa cgaattttta ggtaaaacct gagatagagt actacaaaat 780
 catgttgatg acttcagatt ttggaagtta aatcatgtct gttatttgca ttcttttagaa 840
 acttgactaa gtacctgaat tcatatttct attctactgt gcaacatagt gatgattcag 900
 aaatttttcc tttggggaaa aaaatgaata tgaacatttc cattgtgtta agtgtaaaaa 960
 ggtccagaca tgatcataaa atttaaattt tatacaatta a 1001

<210> 8085
 <211> 2249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2250)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (2165)...(1707)
 <223> similar to gi703110 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


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<400> 8085
ggaattcctg ccaagggctc cctgaatggt gtccacacag cgaggaagcc acgcttgatt 60
cttttatcca ggacattctc cacactctgc cggtcctaac tcaggcagca gcataactgg 120
tgactcggct gaggccatgc cagcccccat gcaactgtggc aggaccaggt gttcatgact 180
gactctatgc tggagcttct ggaatgtggg cgtgcccggg tgctggagca gtgtgcccgc 240
tgcattccagg gtggctggag gcgacaccgg caccgagagc aggagcggca gtggcgggcc 300
gtcatgctca tccaggcagc cattcgttcc tggttaactc ggaaacacat ccagaggctg 360
catgcagctg ccacagtcac caagcgtgca tggcagaagt ggagaatcag aatggcctgc 420
cttgctgcta aagagctgga tgggtgtggaa gaaaaacact tctctcaagc tccctgttcc 480
ctgagcacct cgcctgtgca gaccaggctc ctggaggcaa taatccgcct ctggcccctg 540
ggactggtcc tggccaatac ggctatgggt gtaggcagct ttcagaggaa attagtggtc 600
tgggcttgcc tccagctccc caggggcagc cccagtagct aactgtcca gacagcacia 660
gaccaggctg gtgtcacgtc catccgagcg ctgcctcagg gatcgataaa gtttactgc 720
agaaagtctc cactgcggta tgctgacatc tgccctgaac cttcacccca cagcattaca 780
ggctttaatc agattctgct ggaaagacac aggtgatcc acgtgacctc ttctgccttc 840
actgggctgg ggtgatcctt ggtgcctttg tttccacaag gccttttctt gcccctgcc 900
ttgccaaaga catttaatca gcacacagct gccagactat tcccacagtg ctccaaatgc 960
acatgaacaa cagtgcaggc tccagccttc gaccagagc cccgtgcccga gtgcgtcagt 1020
gggcctgggg ttccaggcta catcaagcac tgatggtgtc agggctggta gttaccaaatt 1080
cagggttaag aaacatcagg gccacatttc actaccttca cagatcaaac tcagcagcag 1140
tcatgactgt ctgtcactac actggggatc ccaattccac ataagcactt ttggaagaaa 1200
acagccaaag ttggcctaaa attggcgctg gaatttgggc tgggaaaaat cttgtggtta 1260
tttcttttaa aaaggaaaca aactttagta ttaattagt tgatttattt aatgtaattt 1320
caaacaatta aattatgaat aatgcaatgt acagtagaat cacgttttga ttttattaac 1380
actgaccaag ttttaactcca tatgaagtgt aagcttgata tcgtttatga tgtctatcaa 1440
ctgtacaaaa agtaaaacat ttaaaaaaaa tcatctgaat gtcaagtttt ctctccataa 1500
aggacttgcc accttaagga cccaagtct gcctgaaaca tgagccacat caatgccggt 1560
aaaggcctgc atgacctaat ctgcatcctg gaaacctctt ttgctgagc tcccagccc 1620
caaactagct ggtctgggag agggagcagg cagggtccag gagtcaagca cacgcttgag 1680
caagcagcac aataatccat cttaagactc ctcatcttgg gatggctcca caattcctaa 1740
acagcagtct gcaaactcca caaacaagg ctcttgcatg taagctctca tgagctttgc 1800
tttgtcttct cctgatcga ggttgacct caactgcctg aggtgtggat tgagcaataa 1860
gtttcttaat gttgcagatt cccctaaatt ctttaaattc tgcaaagaaa ctctgtcttc 1920
ttcctcatca ctattgagaa aatcagctat agagtcatca tcatctttgt tttccacagg 1980
ctttacgggt ttggtaggaa gagctgatct tatttttttc tcaacaggac gagtttcagg 2040
gttgactgt tctttgtgct tccggaagca gactaccgag cagtagggca cgcggcaggc 2100
tggacagcgg tatttgggct tctccaagca gatcacgcag acgacgggtgc tacatttgag 2160
cgacgccatg gttttgtgga aggagactgt tcaactgcgc gccgcgcgcg aattccacca 2220
cactgagtat ggacatcgat annacctc
2249

```

```

<210> 8086
<211> 985
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (903)...(398)
<223> similar to gil2586 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 8086

tttttttcagg	cttccgggtc	tttaatgggg	cgggggctgg	gggcagttca	tccaaaggtg	60
gctccgaagc	tgaggtcaac	cttggcggct	ggctctgcag	ggcaaagggg	atggtaagcg	120
gcccgtcagg	ctggggggat	cttgaaaggc	ggaaggagag	cccatgggt	ggcagccaca	180
gctcaaagct	gaggaggagc	ttccctggcc	cagtcccaa	agctttcaac	acaggcaggg	240
cctggggccc	aggcagaagc	ctgcactgcc	ctctggtggc	ctccttggca	ggcgcggctt	300
ccccaggtgg	ccgggacccc	aggagctggc	tgggcccacc	tggcatccct	gcccagcccc	360
tggcggggcc	tgggacacc	gggtacgcac	cgcctactcc	agggccttca	ccagggcctc	420
gttggcctcg	attcggtatc	ggatctctgc	ccgcgtggcc	tcgtcagctg	tccccaccag	480
ctccgcctgg	gcctttctca	agtttgctt	ggctgcccc	aggtccaaca	tgtccagcgt	540
cacggcctct	tggccaaca	actgcaccga	agagtcggcg	ttactgcga	tggaaaccgt	600
gctcaciaag	tatttgagg	tgggtgccgtc	ctctgcatgc	accacgacca	gccccggccg	660
caggacctgc	agcgtgggca	cgtgggcccgc	caggatgccg	aaggctccgg	tcagcgtggg	720
cacgtccacc	tgcggacgt	tggcacccgtt	gaagaacacc	tgcgtgggag	aggcgaaggt	780
gaaggacatc	tgggtggggc	cagaggcggc	agccggggcg	gcggcggcct	cggcataggc	840
acgggcgtgg	cggacgaggc	ggccaagtcc	cgggcggcg	agcagcgcg	cgggcagcat	900
ggcagcggct	gtccggcagg	atgcgggtag	cttgctgaca	gcgggactcc	ggcgcggcgc	960
gggcggcctg	gagggcgagg	aggac				985

<210> 8087

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1612)...(1069)

<223> similar to gi5103142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8087

tttttttttt	ttcaaaatat	gaaaatttat	tttgcatagg	aaacaataat	ctctggtaaa	60
catcattact	gcatctaaca	aaacaatgcc	ttcaattaaa	gggggaaagt	gagtttttaa	120
acattagggg	taatttagaa	gaaaatacag	tatataataa	tctcaacatc	atgtttaggg	180
taaaaatgct	ataatgtgaa	aaaagtcct	aagaactgga	cagaacctac	ctaacaacac	240
catttacogt	gtatgttttc	aatagacaaa	acatattttg	taccaaattc	caacagtggt	300
aattctatag	ttgtggccct	ttaaaaaatg	gcagcattgt	acttgaatca	gaaagcttac	360
tgggatttcc	tcatcgaaag	tagagattgc	agctaatcct	agtacctttt	gttagtaatt	420
acttaaggca	cagtgcгааг	ttgaaggact	gttttggtac	aaactcaagc	cagctacatg	480
tatgottgoc	ttggtatcct	tgctagagca	catgcaggta	taataccgta	ttatacacaa	540
caaggccacc	ctgttgtatc	tgtgttacaa	ttaaacatca	gtcccagaaa	gtgaacccta	600
gtcattttatt	ataggtgccc	acctctgact	tggaaacaaa	tgccactcca	ttcatgttca	660
tttttgtcct	ggagaggatt	tatttcttaa	aagattctga	aagccaacaa	atcaatgtgg	720
ttcttcatag	agaacttaag	agtaaggctc	aaaatggcct	caaaatgggc	ttcttggtatg	780
acttccaaca	gtgactggcc	ttctcaacac	tgcagatgtc	tgagcactac	cataacctaa	840

cgaagtgagg	aaggaggagg	caaattggta	tttttaaaca	agaatttaag	tggtcttttc	900
tttcaagtct	aaaaaacct	ttggctttta	agattataaa	ctgatttact	aaatttataa	960
aagaccttaa	tttagcaaag	agcttctttt	tcctttgggt	cagttactca	aaatccactg	1020
tgtgaaggaa	taatgtatcc	atcattcagc	ctttatagcg	gtcttccggt	agcgaagtac	1080
tgctactggt	acccatata	ttaaagccag	catgatccca	aaacgtagaa	gaattgtaaa	1140
atcattgggt	gtcattaagg	ttgtgattat	tcttggtgca	caggatatagg	aagagagggt	1200
ccaagtcagc	gcactcacag	ttcctgagtc	tctcgtcttc	cacagacact	ggagctgtgc	1260
aaacttactg	gccgcgctga	tgaaagtaca	tagattcatg	gccaggtcta	tgatccactt	1320
ctgcagggca	aggatgaacc	aagaagacac	caatacagcg	atgtaaggag	tggcctgctt	1380
cacgttccc	ttaaaatgaa	agatacagag	caggaggatg	acatcttgcg	cgatgaggat	1440
ggggtactcc	aggtaggtca	gcggcggata	cccatagtaa	caactggtacc	gcagaaacac	1500
caggaatcct	gccaggtcca	gaagtaaaact	cgggaaggctg	aggccccgcg	cgctgcgcgc	1560
cgctagcaca	gcggagatct	gcggcagctt	cagcgcgcg	cacacgcccc	gcgtgctcca	1620
gttacacagc	cccagcagcg	ccgcctccat	agcgccacgg	gcgcggggcac	ctgggcggcc	1680
gcagcgagaa	gggaccgctc	agcctcgcg	gcgcagctct	gccgaagcct	tccgccttcc	1740
cgggatccgc	ccgggaccac	ccggccaggg	ccc			1773

<210> 8088
 <211> 1250
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (379)...(861)
 <223> similar to gi6006361 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8088						
cattgcttga	ggttgcccag	gtagtttctgc	cttacacttc	ttgtcccagt	gcaattatta	60
gtagagctcc	ctttcactgt	caaatttccg	gttggggata	aattgcattg	tcgttttgggt	120
ttgagatagg	aagatgaggg	gaggaaggag	gtgaggcggt	aaggggcgtt	ctctctcttg	180
ggtcccgcgc	ccaacttccg	ctggcccaaa	gaaactataa	ttttgaacca	acagacctct	240
gctggcatct	gcgattgcat	ttttcctggt	ttaacaacgg	ctgtgctaga	cgaagtgggtg	300
aagcccaaag	acttattttt	gagctcgctg	taagactgag	aatcacgta	gtccttctctg	360
aaaccactaa	gaggaaaaat	gtctgtgaca	ctgcatacag	atgtagggtga	tattaaaatt	420
gaagtcttct	gtgagaggac	acccaaaaca	tgtgagaatt	tcttggtctt	ttgtgccagt	480
aattactaca	atggctgtat	atttcatagg	aatatcaagg	gtttcatggt	tcaaacagga	540
gatccaacag	gaactggaag	aggaggcaac	agtatttggg	gcaagaagtt	tgaggatgaa	600
tacagtgaat	atcttaagca	caatgttaga	ggtgttgat	ctatggctaa	taatggccc	660
aacaccaatg	gatctcagtt	cttcatcacc	tatggcaaac	agccacattt	ggacatgaaa	720
tacaccgtat	ttggaaagg	aatagatggt	ctggaaactc	tagatgagtt	ggagaagttg	780
ccagtaaagt	agaagacata	ccgacctctt	aatgatgtac	acattaagga	cataactatt	840
catgccaacc	catttgctca	gtagctatga	tagacctgga	caaataactt	gacaaattgc	900
tggaacacac	ttattgtggt	ttaccgggtt	ttaattatgt	cagagattgc	atcatccttc	960
tgcttgttta	caactatgat	cttctatgaa	atggtggtac	caaggggcgc	ccaacagctt	1020
ttatcccaa	tcttagagca	tattctttat	tataatgatt	atccaacata	tttctttaat	1080
tttaatacaa	aaaatacatc	atttaatttt	tgttacatat	gaacattcat	ttttaaatgc	1140
tcagcctcaa	gtgcaggcat	ttttgagtgg	cctgattaca	tattcctccc	acagcaagtc	1200
cgtatcctgg	aaaaattaac	cccgcacca	gttttaaaag	ttttaaaaa		1250

<210> 8089
 <211> 1804
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1785)...(1283)
 <223> similar to gi5360117 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8089
 tttgaaggaa tctcattaac cagtttactg acaaagagat gtcggatcat acagacaaag 60
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 accaccctgt aggaacctac ataaaaaagt ctaccaatgg tgcaactatt taactgggat 180
 aaagattatt ctgttcagca atacttggac aactcttttt attatctttc tacagtaaac 240
 aaagtataat cccaaagttc tgcagatatt taattgggaa aagacacaac cctacagtca 300
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 catttgatct aagggtgagat ttttgttacc aatttcccat tgtaaataatt tatctaattg 660
 aaggcattca gttgccaggt tcagccggtt tgccttggct agggatgtgc ctggctgcat 720
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 gtct 1804

<210> 8090

<211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(918)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (567)...(241)
 <223> similar to gi5304856 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8090

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cgggcacccg	gcagcggtct	gaaccttccc	gtacccgacg	ggagtgcgaa	gcggagggag	840
agggggggac	cgctcgtgcc	gaattcctgc	agagcgggtct	attaagggcg	gtcaattnng	900
gggncggggg	gggggggg					917

<210> 8091
 <211> 1593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1594)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1332)...(375)
 <223> similar to gi5764010 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8091

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ccggggccca	ggctcatgca	acacgacctt	caccgcggct	cggggtccgtg	gggcccgtcag	180
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gatggctgcc	acttcacggc	cccagagagc	aggcctcacg	taactttact	gcagccgagg	480
tccaggccgt	ggagggggtc	ctagctccgc	tgcattctgc	atcccaagtg	ggcacgtgga	540
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cgttcagcaa	cgagtaatg	tcttcattgt	ccagctcctc	ctcgctcaag	gccgtcgcca	1440
tcttcgcaac	ctttcacccc	gccaaacccg	caaggaagtg	ctcaagaggg	gccagtgate	1500
cgcgtcaggg	acagcgcggg	ctcgaaatcg	tcgaccgggg	aattgcggct	cggtgaccgc	1560
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<210> 8092

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(1335)

<223> similar to gi3924708 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8092

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ggcatgtgtc	agagccggac	aggacccagc	tgagccagga	cctgggtggg	ggcacccctg	300
ccatggacac	gctgccagat	aacaggacca	gggtggtgga	ggacaaccac	agctattatg	360
tgtcccgtct	ctatggcccc	agcgagcccc	acagccggga	actgtgggta	gatgtggccg	420

aggccaaccg	gagccaagtg	aagatccaca	caatactctc	caacacccac	cggcaggctt	480
cgagagtgg	cttgtccttt	gattttccctt	tctacgggca	tcctctgcgg	cagatcacca	540
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agtatgtggc	gcccctgatg	gccaacttca	accctggcta	ctccgacaac	tccacagttg	660
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gggaagacaa	gggcagtttc	accttccagg	cagctctgca	ccatgacggc	cgcatgtgtc	780
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<210> 8093

<211> 1714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(1208)

<223> similar to gil78039 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8093

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tctgggctgg	tgaaggccgc	ctttgcgggc	gatgacgcgc	cccgcgtgtg	cttcccgtcc	180
atcgtgggccc	gcccgcggca	ccaggaggtt	atggtgggta	tgggtcagaa	ggactcctac	240
gtaggatgatg	aagcccagag	caagagaggc	atcctgaccc	tgaagtatcc	catcgagcat	300

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ggatcatca ccaactggga cgacatggag aagatctggc accacacctt ctacaatgag 360
ctccgtgtgg ctcccaggga gcaccccacc ctgctcacag aggccccgct gaaccccaag 420
gccaaaccggg agaagatgac tcagatcatg tttgagacct tcaatgtccc tgccatgtac 480
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<210> 8094

<211> 5260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(3277)

<223> similar to gi5106521 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8094

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gccccgagcc cgagcgcccc agccgggag atggaaatcc aagagaaaac agccattcc 180
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```

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```

<210> 8095
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (336)...(473)
<223> similar to gi340430 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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gtaaaagcat ctttttccag cctgggcatc atagcaagac cctgtctcta caaaatgtat 180
atgtatatta tccaggcgtg gtgtcatgcg cctgtcgtcc cagctacttg agaggctgag 240
gagggaggat tgtttgaggc taggagttca cgaccagcct gggccacata gtgagaccct 300
gtttaagtaa ataaataact gtttttcttt ttccagggaa atgttttggg ggatcagggtg 360
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acaagtgctt taccgctct gcggtgctcc ggcggcacia gaagatgcac tgcaaagctg 480
gtgacgagag ccagatgtg ctggaggagc tcagccaagc catcgagacc tccgacctcg 540
agaaatctca gagctcagac tctttctccc aagacacgtc tgtgacgctg atgccagtgt 600
cggttaaact ccctgtccac ccagtggaaa attctgtggt agaatttgat agccactctg 660
acggctccta ttgtaagtta cgggccatga atccaaccct catggagtta 710

```

```

<210> 8096
<211> 1330

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (30)...(1114)
 <223> similar to gil085028 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8096

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cccacgcgtc cgggggaaga gcagccaaca tggcggcgga acgcggcgcg gggcagcaac    60
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aagggaagaa acacagcagt ggcacgtggg ccgacctcag tgaacagagc ctgaaggatg   180
gggaggagcg gggggaggag gacccagaag aagaacatga gctgcctgtg gacatggaaa   240
ccatcaacct ggacagagat gcagaggatg ttgatttgaa tcaactatcg atagggaaga   300
ttgaaggatt tgagggtactg aagaaagtga agactctctg cctccgcaa aatttaatta   360
aatgcattga gaatctggag gagctacaga gtcttcgaga gctggatctt tacgacaacc   420
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ttaatctgct gagaaacatc gaaggggttg acaagttgac acgactgaaa aaactcttct   540
tggatcaaca taaaatcagt aaaattgaga acttaagcaa cttacatcaa ctacagatgc   600
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aaaaaaaaa                                     1330

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<210> 8097
 <211> 5014
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (255)...(4048)
 <223> similar to gi5689423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8097

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tttcgtccaa cagccagctt tatagggcac cagccttggt tgaacaatc cgacatgagg    60

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<210> 8098

<211> 2114

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (200)...(1393)

<223> similar to gil83064 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8098

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ctccggttgc ggccgcaccg ccctccggcg ccgccccctg gggatccagc gagcgcggtc 180
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aaataaaaaa	aaaa					2114

<210> 8099
 <211> 1529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (132)...(1043)
 <223> similar to gi3880929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<211> 7445
<212> DNA
<213> Homo sapiens

<220>
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<222> (322)...(2574)
<223> similar to gi2224705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 8101
 <211> 2009
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature

<222> (116)...(1204)
 <223> similar to gi292419 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8101

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 <211> 2670
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (704)...(1148)
 <223> similar to gi5912098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agattcatag ctaggaaatg aaattcctgt aatttttttc taaaggaact gtaaagtttt 1620
cacttggttc attttgtttc acaatttgac tagatggact ttttggtaaa tacttttagt 1680
gcatttcact gtcaaatatg aagttcaagg caaaatagta ttttctatta ctgtgcaggg 1740
gaaagggatg gatcgataca tgcaaattta atgtagtaac tcacttttcc atatatattt 1800
aatgtatat tctatttatg ataccaattt ataaaaata attacacaga aaaaatggaa 1860
taggaaaaat tatgcatcta gcacatttaa actgtgcaaa tatgaaaatt tttcgaggat 1920
tacattttat ctgaaggctg catatttttaa ctggctttta aactgtaaca catcacataa 1980
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ctttgatatg aaagttcgta agatatttta cagaatgtaa gtaatttgca gtatcgcagt 2580
cattgaaatg tcataagtga gcctcatttt ataaataaaa gtttagagta gaattatatt 2640
gcaagggggg tttgtcaagt aagtactggg

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<210> 8103
 <211> 2424

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (2324)...(1052)
 <223> similar to gil91986 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8103

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ggcgacaaaa	ccaggcaagc	cctgtggtca	cgcaggagga	gttgggacca	cgctgcatca	120
gaggaaggct	gtggagtatt	caatgaatgg	aatttaatgt	aactatgaca	taaacacaca	180
caggggtggg	aggacgggtg	accaagcgca	gacgtgggtg	acacgtggcc	ccgctctctg	240
gacctcagt	gggaaaaagt	ctgaggctgg	cgtctctcac	caaacccac	ctcccctggt	300
gggtcaatac	tgatctggct	gagtgcagc	atctcgtgac	ccaggctggc	cctgggaagg	360
cgccacaggc	gaggcctgcg	agtccaggga	gcaggcagac	gctacagtgg	cccccgagcg	420
cgccagggtg	cagcctcgac	gtgtaaattg	cccgtctgcg	gcgctgctgg	gaaggaagac	480
aagaagggtg	agggtctcgt	ctcaccaagt	gcttcctgag	tgccgtagga	cgtgggtggg	540
acatggggga	cagtgaagg	taacacaaac	agcaacgaat	gcacaaagac	aagtttccag	600
gaacacccat	taaaccata	acgttcaaca	aaattggcaa	caaaacgacg	cccctgctgg	660
cctggcgagg	ctggcgccct	ccttcgtggc	agatgccacc	tgcagctggc	tggctggcaa	720
gcgttggcca	agcttttttg	tacctgggag	ctcaacagca	taaaaggctg	taacctctac	780
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tccaagaaca	cctcattctt	ccgatacttg	atgccttcgg	accgccagga	caccgcgttg	1860
gtgacggtgg	ctggtggccg	cgggggcccct	gtttccagct	tgtggccttc	ctgagtgatg	1920
tactcctgca	ggatcttgct	gtcgggtggc	tgggggtagc	cgaagtccat	gagctcgtcc	1980
agcagctcgt	agatgataac	aaagttgtcc	cggatgctct	cctcctccag	ctccttgaag	2040
tactcggaaa	acacctgcac	caccttatag	aggaaagaaa	agaccagcga	cacgcacgcg	2100
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cccccggtgg	ccaggatggg	cgacagcatc	ccctcctcct	ccttctccat	caggatgggc	2220
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ggacgggcgc	cgcccgcgac	agct				2424

<210> 8104
 <211> 1768
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (274)...(557)
 <223> similar to gi4521254 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8104

ccatcagcct	gggggtgcct	ggaacattgt	caccaggctc	attgaactca	tcctggcacc	60
tccagtgcct	gccacagtgt	ttgacacctc	atagtaggct	cttgatgcgt	atcagaaatg	120
gatctgtgtt	ggggcagtg	ctctacgttg	ctgcagggag	ggcctttgtg	tcaaccgtct	180
gtgagaggca	gtgtccaggc	agaagtcagc	tgccatagaa	gcaggagtgg	cgttttcctc	240
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catagcctct	tctgcattat	gttcctgtgt	gcgcaagagt	ggctcacgct	ggggctgaat	360
gtccctctac	ttttctatca	cttctggagg	tatttccact	gtccagcaga	tagctcagaa	420
ctagcctacg	acccaccggt	ggtcatgaat	gccgacactt	tgagttactg	tcagaaggag	480
gcctgggtga	agctggcctt	ctatctcctc	tccttcttct	actaccttta	ctgcatgata	540
tacacttttag	tgagctctta	acgcaaagac	catgcacatc	atcagagact	gagatgggag	600
aggcctgaga	cggagaggtg	catttctgct	ggtgactgga	ggagggacca	gaatgaggat	660
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tgggagccga	gttaaccctg	cgtgtctgtg	tcaccctgtt	tgtcaatcct	tggcattcga	780
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taaggaacag	aatgaccag	agtcaaggcc	aagtctgcag	ggacctgttg	aaagcctcga	1020
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ttctcaaata	ggaggggctg	gaggggtgtg	gggatttgtc	ttcagctgca	accagccttg	1140
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cgtttgcaac	atgatcaagg	tgtaggttct	ccaccacaca	agttgtattc	ttcttttgcc	1260
acctcaaacc	atcacagagt	ctttaaatgc	aaatcaattg	gtcaatgcta	gtcaaagcta	1320
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gtttggcatt	ctcttttggg	tgggagttat	gctggggggt	gtaaataatg	acaaggctga	1560
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ctgtgactca	ggtttatgaa	tgggtgtttg	gtagcaacac	attgtgtgct	atgtttatta	1740
aatgcagcgc	acaacttgaa	aaaaaaaa				1768

<210> 8105
 <211> 1155
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (149)...(530)
 <223> similar to gi4902661 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8105

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cactggcttt	gctttcatca	ggccaaagat	gcctttcttt	gggaatacgt	tcagtccgaa	180
gaagacacct	cctcggaagt	cggcattctt	ctccaacctg	cattcttttg	atcgatcaac	240
ccgggaggtg	gagctgggct	tggaatacgg	atccccgact	atgaacctgg	cagggcaaag	300
cctgaagttt	gaaaatggcc	agtggatagc	agagacaggg	gttagtggcg	gtgtggaccg	360
gagggaggtt	cagcgccttc	gcagggcgaa	ccagcagttg	gaggaagaga	acaatctctt	420
gcggctgaaa	gtggacatct	tattagacat	gctttcagag	tccactgctg	aatcccactt	480
aatggagaag	gaactggatg	aactgaggat	cagccggaag	agaaaatgaa	gaccccagag	540
acattttattg	gggagtagga	tgtggctgag	tgcttttttt	ttggccagac	tagcggattc	600
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atagaaggtg	acatggaatg	gagaaaacca	agattccaga	tggggatagt	aactagaagg	720
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ttggtgtttg	gcgtgtgaca	gcagttctac	agagctctgt	gttgggggtca	tggtgagcgc	960
gctctctttg	ctcttaaagg	caggcctctc	tcttcttgcc	tttaaagaat	cctccttcct	1020
cacacctggc	ctcctctggc	ttcagcttct	cagcagcaag	caccagcctt	ccacaacaac	1080
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taatcaaaaa	aaaaa					1155

<210> 8106
 <211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(1629)
 <223> similar to gi4589580 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8106

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ccccagtc	aagcctcacc	tgcttgccca	gcgccaggat	ggccaccatc	acctgcaccc	180
gcttcacgga	agagtaccag	ctcttcgagg	aattgggcaa	gggagccttc	tcggtgggtgc	240
gaaggtgtgt	gaaggtgctg	gctggccagg	agtatgctgc	caagatcatc	aacacaaaga	300
agctgtcagc	cagagaccat	cagaagctgg	agcgtgaagc	ccgcattctgc	cgctgtctga	360
agcaccacca	catcgtccga	ctacatgaca	gcattctcaga	ggagggacac	cactacctga	420

tcttcgacct	ggtcactggt	ggggaactgt	ttgaagatat	cgtggcccgg	gagtattaca	480
gtgaggcgga	tgccagtcac	tgtatccagc	acatcctgga	ggctgtgctg	cactgccacc	540
agatgggggt	ggtgcaccgg	gacctgaagc	ctgagaatct	gttgctggcc	tccaagctca	600
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aggcatgggt	tgggtttgca	gggactcctg	gatatctctc	cccagaagtg	ctgcggaagg	720
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ccatcgagga	tgaagacacc	aaagtgcgga	aacaggaaat	tataaaagtg	acagagcagc	1260
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cccacatcca	cctgatgggc	gacgagtcag	cctgcctcgc	ctacatccgc	atcacgcagt	1500
acctggacgc	tggcggcac	ccacgcaccg	cccagtcgga	ggagaccctg	gtctggcacc	1560
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ggctggggag	aaggagggtg	gggatgatga	ggaaggcagc	atccgtccgt	ccctctccca	2040
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<210> 8107

<211> 4502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (350)...(1324)

<223> similar to gi4092671 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8107

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tttttttttt	ggaaaataaa	atgtttgttt	gtttgtttgt	tttttcctcc	agctgaattg	180
actggttggt	tgctcggtatg	gacaaaataa	aatgattatt	tcattgtgag	aatacttctt	240
ggacagcttc	tcccattttac	aagccaactc	ttttcagacg	agcttgtaca	cgtaacacact	300
ccatccttgg	atatattttct	gtgacaccag	agcagtttcc	atgaaggccc	tgatgcagct	360
gatgaacgac	aagaagctca	tgagcagcct	gcccacattc	tgcgggatct	tcaaccacct	420
cgagcggctg	ctggacgaag	aaattagcag	agtacggaaa	gacatgtaca	atgacacatt	480
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gttacaagag	aaactttatg	tgctgtataa	agaataccca	gatttttaatt	ttgttgggag	600
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gccaatttgg	gagcatctaa	atgaagatgt	acatgtacta	atcactgtgg	aagatgctca	780
gaacagagca	gaaatcaaat	tgaagagagc	agttgaagaa	gtgaagaaat	tattggtacc	840
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agcccaggct	gctccaagga	tcttacttgg	gcctgcgcgc	gttctccccc	cagctgccct	1020
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tgctatgcca	aacggaactc	ctcaccaca	tgctgcaata	gttctccag	ggcccgaagc	1140
tggtttaatc	tataaccctt	atgagatccc	ctacacattg	gcaccagcta	catcaatcct	1200
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ttattccaat	cttcaatgtt	aacccaaaagg	attctgagat	aaaaattatg	tgtcatctaa	2820
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ttgattttgt	tttttggttt	taatttaattg	aatataatag	gatacctagc	aatgttttct	2940
acaaaagtga	atctttgtga	ttttcattct	agaaaacaat	gtttttaaact	acccaaattt	3000
aatcacatgt	ctttatatca	taccagataa	ctggtgtagt	gtatcctttt	actgtttcaa	3060
taacctgtgc	ctgccccacc	ccttaacttt	aaaagaatgt	gaaaaactag	catcatagtg	3120
catataaata	ctcaaccaca	tttcagctta	agcttctaatt	ttctcaagaa	gttgaaacag	3180
ttagtattgt	agttgaagca	atttgtgtgc	aaagcctaca	tctaaacact	tgagtgaata	3240
atcattaact	gctcagtacc	agacgtggca	aatctcaagt	gacagtggac	cccccccca	3300
ccgcccagct	tatcaactcg	tccctcttct	cacaccttcc	cagcatcaca	gtcagaggtc	3360
agcaggaagc	tgagtcatta	ccttcttggt	gacctcccc	accatcttgt	ctcacttgga	3420
aaccgttgtc	agtttatttt	ctatgcaata	gacattcatt	gttttgatc	cagctagctt	3480
tggtttaata	tgccactgct	ttgtctttct	gttacacata	cagttttgat	ttattttaca	3540
tatatgctgt	gccattttga	tttttatatt	gtttggttgg	ttgaataaat	ttgcgacact	3600
caaacacttg	aggtgatagt	tgttaaaaac	aataccagta	tttgatccag	tttcatctca	3660
actatgttat	acctggacat	tttagatgtt	tatcaaaggt	cttttatggg	gaagaaagta	3720
aatgtatgaa	ataataaatg	tgtgacattt	atagggaatg	ttggctctga	acaaactttt	3780
gaaaacttgg	ttgacaaaat	tttggatcaa	ctgaaaaaag	catgactttt	gaaatctctg	3840
aatgccttgg	ttctcagtat	tatcattctt	tattgaattt	atcttcttatt	aaaatatgta	3900
gtttttaaga	ctttttttct	gacagtatta	tgtaattttt	tagcgtgggt	agatgggagt	3960

gtcgcttgta	tggtatcgta	cagctgacat	gtatTTTTgt	ctattcttta	ttatcttagt	4020
ttcatgctat	gtatgtacca	taaccaacct	attgcctatg	agaaacatgt	aagataatgt	4080
atttacagcc	attgttacaa	gtttataatg	tatttttcta	tcttgTTTTa	tatgtatgtt	4140
atataacatt	caaaaagaat	tttttcttg	attgagaaaa	ggatacaaaa	tgcaaaatcc	4200
acaattttga	taactgaaaa	ttgccaattg	ttttgcagta	ctttattata	ttgggtgtct	4260
tgtctTTTTt	gggcttttag	ttagctaattg	aatgaataca	ttagacactt	ttgggtttta	4320
gttgggattt	tacatagctt	gcattttaat	tctttggttc	tttgcTgtt	ctattaaccc	4380
acaggcatta	ttttaataaa	tggtataata	ccaacctact	aactctggac	tttgcTgtt	4440
tattaacctt	tatatgttta	attaaaaata	ccaaataaag	ccaaaagaat	gtaaaaaaaa	4500
aa						4502

```

<210> 8108
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (991)...(352)
<223> similar to gi436001 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8108	
tccctccccg	cccctcttta
aaagacattc	gttgaccccc
tttttttttt	tttgatataa
agataaaaaga	ggtattttgtg
caggggaacag	tctgatatct
gacaagggggc	acaaaaaagc
gcaacagggcc	ctcttctccc
gatggcattg	gtccggatgc
caggacagtc	tcaaaggcta
gagcagtcca	ttgttttcag
gctgagggtca	cttttgttac
gagctccttc	agccatcgct
caggaggggcc	cccactgcac
gccagctgtg	tcccagatct
ggagaactca	accccgatgg
ggagagtaga	ttggtcttcc
gttataatct	tcctcagttc
tcggggacag	aggcgacaaa
aagatctggg	cctgcccctc
tgggggcca	ctcaagggtt
gctgtaagga	agcagaggtc
	gacc
cggggaatta	acttttgggg
ctcttaaaac	gggggcccc
ctagtctgtg	aggggtggac
aagaccttaa	gacctgagg
ggcaaggaaa	ggtcctgggg
ggccaagggtc	agaggctgat
gcctgggcac	tgcccagagt
accttcgcaa	agatttcttt
agggctgagg	tctccaggaa
ggcctcctca	gtgggcaact
gtgggttcag	catggtcata
ataggtctgg	tgcttggtta
cgccgagggtg	atggctcggg
cccaacatca	cagtgcgggt
aactcattgc	gcgtgaatcg
agcaccacct	tgaagacaaa
catggagggt	gcagggtgtct
cctcaaccct	cagctctcaa
acttctgcag	ccagagggat
cagctctggc	aggtgggggt

<210> 8109

<211> 1334
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (164)...(739)
 <223> similar to gi292427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8109
 aatgagactg tatggactgc ttacgccaaag cttggcacga gggcccggag ccgctgccgc 60
 cgccccagc tccccgcct cggggagggc accagggtcac tgcagccaga ggggtccaga 120
 agagagagga ggcactgcct ccactacagc aactgcaccc acgatgcaga gcatcaagtg 180
 cgtggtggtg ggtgatgggg ctgtgggcaa gacgtgcctg ctcatctgct acacaactaa 240
 cgctttcccc aaagagtaca tccccaccgt gttcgacaat tacagcgcg agagcgagc 300
 tgacggggcg acagtgaacc tgaacctgtg ggacactgcg ggccaggagg agtatgaccg 360
 cctccgtaca ctctcctacc ctacagaccaa cgttttcgtc atctgtttct ccattgccag 420
 tccgccgtcc tatgagaacg tgcggcacia gtggcatcca gaggtgtgcc accactgccc 480
 tgatgtgccc atcctgctgg tgggcaccaa gaaggacctg agagcccagc ctgacaccct 540
 acggcgccctc aaggagcagg gccaggcgcc catcacaccg cagcagggcc aggcaactggc 600
 caagcagatc cacgctgtgc gctacctga atgctcagcc ctgcaacagg atggtgtcaa 660
 ggaagtgttc gccgaggctg tccgggctgt gctcaacccc acgccgatca agcgtgggag 720
 gtccctgcac ctcttgtgac cctggcactt ggcttggagg ctgcccctgc cctcccccca 780
 ccagttgtgc cttggtgcct tgtccgcctc agctgtgcct taaggactaa ttctggcacc 840
 cctttccagg ggggtccctg aatgcctttt tctctgagtg cctttttctc cttaggagg 900
 cctgcagaga aaggggcttt gggtctctgcc cccctctgct tgggaacact ggggtattctc 960
 atgagctcat ccaagccaag gttggacccc tccccaaagag gccaaaccag tgccccctcc 1020
 cattttccgc tactgaccag ttcatccagc tttccacaca gttgttgctg cctattgtgg 1080
 tgccgcctca ggttaggggc tctcagccat ctctaacctc tgccctcgct gctcttggaa 1140
 ttgcgcccc aagatgctct ctcccttctc caatgaggga gccacagaat cctgagaagg 1200
 tgaatgtgcc ctaacctgct cctctgtgcc taggccttac gcatttgctg actgactcag 1260
 ccccatgct tctggggacc tttcctaccc ccatcagcat caataaaacc tcctgtctcc 1320
 agtgaaaaaa aaaa 1334

<210> 8110
 <211> 2821
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2337)...(287)
 <223> similar to gi458888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8110

ggggagggga	gggggagaga	aggggaaggg	aagaaggtgg	ggaggcagtg	ggtccctcgg	60
gacgactccc	cattcccttc	ccttggattc	ttctccttac	tcaattttcc	ctagacctaa	120
aaacagtttg	gcagaagaca	tgtttaataa	cattttcata	tttaaaaaat	acagcaacaa	180
ttctctatct	gtccaccatc	ttgccttgcc	cttcctgggg	ctgaggcaga	caaaggaaag	240
gtaatgaggt	tagggccccc	aggcgggcta	agtgtctattg	gcctgtctcct	gctcaaagag	300
agccatagcc	agctgggcac	ggccccctag	ccctccagg	ttgctgaggc	ggcagcggtg	360
gtagagttct	tactgagcc	gtgggctgca	gtctcgagg	gagaacttct	gcaccagccc	420
tggctctacg	gcccgaaga	ggtggagccc	tgagaaccgg	aggaaaacat	ccatcacctc	480
cagccctcc	agggcttcct	cctcttcctg	gcctgccagt	tcacctgcca	gccgggctcg	540
ggccgccagg	tagtcagcgt	tgtagaagca	gccctccgca	gaagcctgcc	ggtcaaactc	600
ccccctata	ggagccccc	gggaggggtc	agcaccagga	ggggaggggg	ggtcagggcc	660
agcccccg	ggccctgggg	gtgatctctg	tggtgacagg	gcaggattga	actcctggaa	720
atggactgga	aagaaggcct	gccagccaga	gatggcattc	atgcgacagc	ggttgaggac	780
ttcgggccca	ggccttgctc	acacgggtgt	aaggaagaag	agagtgtcca	caggggtgctt	840
cttcgagacc	acgtccatga	gtcgcacctg	ggaagggggc	tctgctcgca	cagcgagcca	900
ggccagcctc	gtcccagggt	accgtcgctc	taactccgct	gctgcagcct	tcaccccaag	960
aaatgggtct	ggagctccac	ggccaccttc	tcgtggcccg	tagaccagca	acaggtgag	1020
caatgcatgt	tctcgtggct	ccaggacatt	ggctgcaaac	gcctcgagga	aagccggggc	1080
tgcagcagct	tcagccacca	ggagtggcag	caccagctgc	actcgggtgg	cctcagtgc	1140
atagggcata	ggtaggattt	ccaccggct	cagtggccgc	agcaggctga	ccctgcgagc	1200
cagggcccg	cgggtgcccac	gctgtgtcac	acattccaac	agcaggcca	gggtgtactc	1260
catgccccgt	gctgggtcga	agcggcgata	gccgttgagc	agtcgctgct	tctggaagcg	1320
caggcggggc	tgatagcgcc	gattgagctg	ctccagggca	gtctccaacg	catcacccac	1380
gtccgcccctg	ctagccccct	gtagtgggca	cttgggagcc	ccatctgcac	aggagaaggt	1440
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agcagggagc	ccaacggggc	agctcagccc	tgccctcccct	tcgggggtca	gcacggtcag	1560
gttccggatc	tgagcctgca	gttgttctat	ttcactgtaa	gcccgtcca	actccagagc	1620
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gcagcgtcca	agccactcgt	caggacgggc	actgagaatg	tctcctcggc	agccatccag	1860
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gtaccggggc	tgctcgccctg	cgccaatgaa	ctcctctgcc	cgccctaagt	acaggtcttg	1980
gttgatgctg	aggtggccag	caagggtgc	caggcggggg	gcctgcacat	atgtgtcatc	2040
ctgcatgatg	aagaaccagt	cgtagtccgc	cccaaagtgt	gtgtgaaggt	ggcgagggt	2100
ctctgacatg	agccaggcgg	gccgctcatc	cccatgagac	accacctgca	tccctgctgg	2160
agcccgggcc	ccccgctgcc	cagtgaagta	gagtaaccga	gggaagtgat	gggccaccgt	2220
acggttcaca	gccacggcca	aagtggacag	tgtagctcgg	gaggtcagga	cagccaccag	2280
caaccgctca	cgggagccca	gctctgtctg	gatgtaccga	gtcctgagca	ccttcttgta	2340
gggcttggtg	gggtccctgt	agtaggggac	aatccggggg	ttgaagtctt	catcactttg	2400
gtctagccga	gctctcgaat	ctggattctg	tggccctcct	cgctccccta	cagcctcgac	2460
acagggatct	tctccctccc	cctggatcca	ggaaaccgc	aggaggctca	ggctgcaccc	2520
cagagcagc	cctaagatga	ggggaagcgc	tggccgcagc	agagccaaca	gggagctcag	2580
tcgcatgggtg	gtaggccctg	ccagggtgggt	gccccagggg	cacagcctca	aggatcaatg	2640
gattgatggg	caccaggcca	gtagtaggct	ttcagtttta	accagagaac	ctgggggtcaa	2700
tgaggccaaa	gacagagcaa	ggcccgtggt	cttcaggagc	cagcatcccc	aagaagattg	2760
tctgtcttc	acaactcctt	ctgcctgctc	ttcaactgtg	aagggtgctg	aactaacc	2820
c						2821

<210> 8111
 <211> 1613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1307)...(1005)
 <223> similar to gi4886473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8111

tttttttttt	ttccatcaac	aggtttcaag	cagtctttac	ttgggtttta	aaacagtgt	60
tcatgcattt	acaataagtt	attacagaac	tctaagtcac	tgatgcacac	acaaaagcta	120
aacccaactt	actaactatg	cagacctctc	ctgatctccc	caggctgggc	agtaattagt	180
accttacagg	tgtgatccat	ggcccagaga	aggcagccac	tgtcagttac	agttggactg	240
ctgcatcaca	gtggaggcag	cagagttgaa	gatccacaga	gggctgtaat	acagcccaga	300
aaagacaatg	gagagtgaag	gctagaaaca	ttgaggaagg	ggtcaagaag	cacttgtagt	360
tctgtttatc	ttttccaata	gaatattcct	gcaagttacc	catcagaaaa	aggtgttcag	420
agggtttgaa	aaagaagtgg	ttagcccatg	ccagtgaagg	tgacaaaaaa	caaaacaact	480
tgatttttgg	tcatatcaga	aaggatggag	ggaaacaccc	aagtacatgc	atggacacaa	540
gtgctccagc	caaaggagtg	ctgttttcac	cagccacaaa	ttttctaaca	gcaacaacaa	600
aaaccacag	atgtaagtaa	catggaagtg	gatcagtcct	aagccaaata	aggattccca	660
cctggggcaa	aagctgactt	cctaggacat	gaactgaaca	catcacagta	aaagcccagt	720
agaggctgct	gccagttcca	gctattagta	attatgaggg	ggacaggatg	acacctcaca	780
cggaccaccc	ctagcaagag	ggtttgtttc	agttctagct	gtgagaggaa	tgtctgcagt	840
tcccacaggt	gtgccatgct	gtgaagccca	tggcccctgc	tcctctctct	gcctcccaca	900
cacttaacag	tacacacaga	ctttgctggc	aagtgtctgt	tgttcctgca	ctgctatact	960
atacgactgc	aggacaatgc	catccgctcc	atggttcatt	cagcgccttg	tcccaaggta	1020
gttggtggag	agcaggacca	cgttgtgcag	caagagagac	agctcagctt	ctttcaggct	1080
gcaggaaatc	tgcagccatt	ctcccagcca	agttcgacac	ctatcttcac	caatatgcgt	1140
agaattcagg	ccacggagat	aacaagccga	ttttacttcc	tgagcagtca	gctggccaat	1200
ccccagcttt	gccaaagcct	tgtccagttg	gtgaatcaca	gttgatgag	tcttcaaacg	1260
atgtctcaac	aagggaggag	gcaggtaaga	tgtgagaagc	atggcccggc	tcaaggcttt	1320
ctttcatgaa	gattgtgtac	aggacataga	agcgggggaa	atgacgaccc	aagaaacgat	1380
ggatatttccc	attaatcgct	tttgtcttgg	ttaccacata	agacatcaag	ttcttcacat	1440
ctgccttttg	agaaaggtga	agctttgaag	accgaggggc	cccccaagcc	aggccagagc	1500
gaccaagttg	cagcctccgg	gtgacaaaat	gtccaggggt	gactgccgag	ccccacacag	1560
ccgaccgagc	ccagcacacc	ctggagagcg	ccatcttcac	agcgagagaa	gcg	1613

<210> 8112
 <211> 954
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (61)...(793)
 <223> similar to gi3805810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8112
tttcgttggg cccgtccctg aggtatgaaa gccccctgct ctggctcttg ttcagtctca    60
atggggggcac tggggctgga gggcaggggt gggaggctcc aggggagggg ttccctcctg    120
ctagctgtgg caggagccac ttctctggtg accttggtgc tggcggtgcc tatcactgtc    180
ctggctgtgc tggccttagt gccccaggat cagggaggac tggtaacgga gacggccgac    240
cccggggcac agggccagca aggactgggg ttccagaagc tgccagagga ggagccagaa    300
acagatctca gccccgggct cccagctgcc cacctcatag gcgctccgct gaagggggcag    360
gggctaggct gggagacgac gaaggaacag gcgtttctga cgagcgggac gcagttctcg    420
gacgccgagg ggctggcgct cccgcaggac ggctctatt acctctactg tctcgtcggc    480
taccggggcc gggcgcccc tggcgggcgg gacccccagg gccgctcggc cacgctgcgc    540
agctctctgt accgggcggg gggcgccctac gggccgggca ctcccagct gctgctcgag    600
ggcgccgaga cggtgactcc agtgctggac ccggccagga gacaagggtg cgggcctctc    660
tggtaacaga gcgtgggggt cggcgccctg gtgcagctcc ggagggcgca gaggtgtac    720
gtcaacatca gtcaccccga tatggtggac ttgcgagag ggaagacctt ctttggggcc    780
gtgatggtgg ggtgagggaa tatgagtgcg tgggtgcgagt gcgtgaatat tggggggccc    840
gacggccagg accccatggc agtgggaaaa atgtaggaga ctgtttggaa attgattttg    900
aacctgatga aaataaagaa tggaaagctt cagtgtgcc gacaaaaaaa aaaa          954

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<210> 8113
<211> 2044
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (228)...(1477)
<223> similar to gi4678412 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8113
ccgccagggtg gaacggcagg tgggttcagg taccagcctg gccgggaccc ggctgtggga    60
ccaacgcttc cggtgagcga cagaggcagc tccccagggc ctggagaccc gtggggcgga    120
ctctgggatc tgagcctatc gccctggcct ggagcccccc tttgtacctt ttccccattc    180
ccctaccgag ctgggcagtt agccagccca ctccaactct cggaaccatg tttgcagact    240
tggattatga catcgaagag gataaactcg gaatcccagc tgtgcctggg aaggtgaccc    300
tgcagaagga tgctcagaac ctgatcgga tcagcattgg aggaggggccc cagtactgtc    360
cctgcctcta tatcgctccag gtatttgaca acaccccagc agccttggac ggcacagtgg    420
cagctggcga tgagatcacc ggtgtcaatg gcaggtcaat caaagggaaa actaagggtg    480
aggtggcgaa gatgattcag gaggtgaagg gggagggtgac catccactac aacaagctgc    540
aggcggaccc caagcagggc atgtccctgg acattgtgtt gaagaaagtc aagcaccggc    600
tgggtggagaa catgagttca gggaccgcag atgctctggg cctgagccgg gccatcctgt    660
gcaatgatgg gcttgtcaag aggctagagg agctggagcg gaccgctgag ctatacaaag    720
ggatgacgga acacaccaag aacctcctac gggcctttta tgagctgtcg cagactcacc    780
gggccttttg ggacgtgttc tccgtgatcg ggggtgcggga gccccagcca gctgcgagcg    840
aggcttttgt gaagttcgcc gatgcccacc gcagcatcga gaagtccggc attcggcttc    900
tgaaaacat caagccgatg ctgacggatc tgaacacgta cctcaacaaa gccatcccgg    960
acactcgct caccatcaag aagtacctg acgtgaagtt tgagtacctg tcgtactgcc    1020
tgaagggtgaa ggagatggat gacgaggaat acagctgcat tgccctaggc gagccccctt    1080
accgggtgag caccggcaac tatgagtacc gcctgatcct gcgctgccgc caggaggcgc    1140
gcgcccgcct ctcccagatg cgcaaggatg tgctggagaa gatggagctg ctggaccaga    1200

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gcatcgggtg	tttctattcc	acagagtatt	gttaatgtac	aacacacaca	cacacacaca	1380
cacacacaca	cacacacaca	cacaacaaat	ctacatatat	aaacaagggt	ttgggtttta	1440
gttttttttt	tttaagggtga	ggactcagaa	aatccaaagg	gctagtagaa	acagtgttta	1500
tggtgggaag	cagggttacc	cccaatagat	ggtttccttg	ttaggtccac	gggcactccc	1560
caaaagcaca	caagcacata	cagacatatg	ccttccccac	acacgt		1606

<210> 8115
 <211> 960
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (869)...(365)
 <223> similar to gi2246401 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8115						
tttttttttt	ttaaaattct	aataaaataa	atatttttatt	aacgaaagtc	tggaaaatgt	60
gtgcactaaa	aagtgactat	aaatgttaaa	ttaaaaaacc	ttcaaagaac	acatatcaca	120
cattcaatttt	ttaaaacttt	atataaaagc	tctattataa	atacaaagct	aaactatctg	180
agtactaaca	acacagttca	tacaaagaaa	cttaacagta	gtaaaataca	gatataataag	240
atgcttatttt	ttggtccttt	aggataaaaag	aactaagttg	gttttttttca	catgggtcca	300
ggcacaaaaa	tagaatataa	gatggtaact	gcaacattct	tagtgtttat	ccttgtaatt	360
ctttaaatgt	caccagtcac	aatagcaatg	aactcctctt	ggttttatttc	tccatcacca	420
tctttgtcaa	attcttctat	catagctcga	agttcttcat	cactcatggt	ttcacccaat	480
tctctagcaa	cacgtcgcaa	attcctcaag	cttatttttac	ctgaatcatc	atcatcaaat	540
agtttaaattg	ccttgagtat	ttcttcatgg	ggatctcttt	ccaatatcca	gtctgtcaca	600
acttcattaa	aatcttcaaa	ggtgattttc	cctgtggcct	ctctgtcata	atctttaaga	660
atcttcagta	catcagcttt	ttttacatca	aaccccaagg	ctctcattgc	cacctttaat	720
tcatgataat	ctattgcttc	atctttgtct	gtatcaaata	gttcaaaagc	atctttaatt	780
tcttgtttct	gttcctcaga	cagttctctt	ctttttttcc	tctttgtttt	gtccactaca	840
agctcacttc	tcagagctaa	actcattatc	tcttcgcaca	gagacgttcc	tctcaagaac	900
gattttaacc	ccctacccaa	ggcagcaaga	cgccacacgc	cgttcaaccg	gacgcgtggg	960

<210> 8116
 <211> 2410
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (180)...(2038)
 <223> similar to gil684833 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8116					
tttcgtgctc	agcagacacc	aggccttccg	ggcaggcctg	gcccaccgtg	ggcctcagag	60
ctgctgctgg	ggcattcaga	accggctctc	cattggcatt	gggaccagag	accccgcaag	120
tggcctgttt	gcctggacat	ccacctgtac	gtccccaggt	ttcgggaggc	ccagggggcga	180
tgccagaccc	cgcggcgcac	ctgcccttct	tctacggcag	catctcgcgt	gccgaggccg	240
aggagcacct	gaagctggcg	ggcatggcgg	acgggctctt	cctgctgcgc	cagtgcctgc	300
gctcgctggg	cggctatgtg	ctgtcgctcg	tgcacgatgt	gcgcttccac	cactttccca	360
tcgagcgcca	gctcaacggc	acctacgcca	ttgccggcgg	caaagcgcac	tgtggaccgg	420
cagagctctg	cgagttctac	tcgcgcgacc	ccgacgggct	gccctgcaac	ctgcgcaagc	480
cgtgcaaccg	gccgtcgggc	ctcgagccgc	agccgggggt	cttcgactgc	ctgcgagacg	540
ccatggtgcg	tgactacgtg	cgccagacgt	ggaagctgga	gggcgaggcc	ctggagcagg	600
ccatcatcag	ccaggccccg	caggtgagga	agctcattgc	tacgacggcc	cacgagcgga	660
tgccctggta	ccacagcagc	ctgacgcgtg	aggaggccga	gcgcaactt	tactctgggg	720
cgcagaccga	cggcaagttc	ctgctgaggc	cgcggaagga	gcagggcaca	tactgcctgt	780
ccctcatcta	tgggaagacg	gtgtaccact	acctcatcag	ccaagacaag	gcgggcaagt	840
actgcattcc	cgagggcacc	aagtttgaca	cgctctggca	gctggtggag	tatctgaagc	900
tgaaggcgga	cgggctcatc	tactgcctga	aggaggcctg	ccccaacagc	agtgccagca	960
acgcctcagg	ggctgctgct	cccacactcc	cagcccaccc	atccacgttg	actcatcctc	1020
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ccccagacaa	accgcggccg	atgcccatgg	acacgagcgt	gtatgagagc	ccctacagcg	1140
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tcatgtgcgt	ctgcagggcc	gaggccctca	tgctggtcat	ggagatggct	gggggcgggc	1440
cgctgcacaa	gttcttggtc	ggcaagaggg	aggagatccc	tgtgagcaat	gtggccgagc	1500
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agaagatgaa	agggccggag	gtcatggcct	tcctcgagca	gggcaagcgg	atggagtgcc	1860
caccagagtg	tccacccgaa	ctgtacgcac	tcatgagtga	ctgctggatc	tacaagtggg	1920
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ccagcaaggt	ggaagggccc	ccaggcagca	cacagaaggc	tgaggctgcc	tgtgcctgag	2040
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gtcctgcagt	ctggctgagc	cttgcttggt	tgtctccaca	cacagctggg	ctgtggtagg	2160
gggtgtctca	ggccacaccg	gccttgcat	gcctgcctgg	ccccctgtcc	tctctggctg	2220
gggagcaggg	aggtccggga	gggtgcggct	gtgcagcctg	tcctgggctg	gtggctcccg	2280
gagggccctg	agctgagggc	attgcttaca	cggatgcctt	ccctggggcc	ctgacattgg	2340
agcctgggca	tcctcaggtg	gtcaggcgta	gatcaccaga	ataaaccag	cttccctctt	2400
gaaaaaaaaa						2410

```
<210> 8117
<211> 1828
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
```


<222> (1)...(1829)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1549)...(738)
 <223> similar to gi3874821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8117

ggcaccaatc	caatgtcagt	atctgcaggc	tgaagtacag	acagttacac	tgaaattgcg	60
tatgctctga	ggaatgacac	taaattcgct	tccaggaaaa	ttactcaatt	ttgtaagtaa	120
ttttcagttt	tttttctcag	ggatattttt	caactttcac	tttaattttc	tttagttgct	180
tagttgtaca	ttttgagaag	gcaaattccat	tggaaacttg	ggaggcttag	aacataaatc	240
agtattagaa	gtaaagggaa	cacacagcta	aaagttttac	tttaatcaca	aattcacaac	300
tagagatatc	atgtgcatat	cttagaacgc	taaagacctg	ttaaaatttt	ttaaccaatc	360
agcaaaaata	tgtgccccac	agattttctaa	tgttcataat	ttagaattta	tcacatataa	420
tattttattaa	tagttttattt	gcaaaaattat	tattctttaa	acacttcttt	ccaacacatt	480
tacaatgttc	atgtgtttta	aagaaaaaaa	ccaccctcat	ttaaaaatgt	actactgact	540
ttaatgtgtg	gttataccag	tgccaccaaa	ttagaaaaga	aaaagaaaca	tacagctgta	600
ttggatatgt	agttactact	acaaataatg	acaacacacg	tcctatacaa	agatcatatt	660
cacgcttttc	taccacttct	cagtcattgt	cagaaccatt	tggaggtaag	aaaaccaatg	720
catcattgaa	aatatggccc	aaatgcctta	aggcggtata	ccccatacat	catcacatgc	780
atctgatttg	gagtcagtc	attaaaagta	acagccatat	ctgaacaaca	gccttctact	840
acctggttgg	ggtgataagt	cattgcctct	ttaatagaaa	gcccacacaga	tttggtatta	900
aatacatctt	ttccatcagc	atcttctgca	ttttctgcaa	atactccagc	atatttcagg	960
caaactgcta	gctgtttatc	ttcagatatc	ttccaaatca	tcctccctg	ttcaggacac	1020
ttttctggga	tattgagaag	gctgttaagt	cttttcattg	attctacact	taagacaatt	1080
cctccttcca	taccacata	ttcaaggtct	ccagatttta	tagtgtggcc	tagatagaaa	1140
ggctgtgatg	gacccctttt	taacaaaaaa	tactttaggt	tttcaatgat	agcaaacgta	1200
gtggggcggtg	caaggaagaa	ccagttgtat	tggctctctat	acttatcaaa	ggcgtatttg	1260
taagcttttc	tcattcattaa	ccacatgtca	tttgtgtcca	tattaattga	ctcaaacact	1320
ttaacatttt	cagaactgaa	gaactctgct	ttgtcacagt	gtttgggtcca	agtctccttt	1380
actgcagccc	aaagactcac	atctttgggt	tttacaagga	taatacagta	tactcgaaag	1440
ctcttactga	gctccatgcg	ctcatcctct	gaaattttca	agatatcttc	tttggttagga	1500
gcttgtaggt	gatgatgctc	atgggtggtgc	attctatttc	catgaccaat	cctaattgtgt	1560
cctagcatag	tgatcaaagc	acagaaaatg	cttccaagca	tcacaccctt	caaaaaggag	1620
ctgctttcag	aaagcatttt	tcccgcgtct	agaacggctt	ggggacagga	aagcgcagcc	1680
gcgcacgggt	tccctctcac	gttggcgcac	cactccgtta	cgctcctgac	caggccccac	1740
gcgtccgcgg	acgcgtgggt	cggccccgtn	nttcnnnnc	nggngaactg	tnctgcnccc	1800
catttcccg	ggggagnnna	gaccagcg				1828

<210> 8118
 <211> 1597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (159)...(1102)

<223> similar to gi4050050 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8118

tcctgaaact	gaagctttac	gcctgaggta	ccagttcgca	attccacgcc	acgcgtccgg	60
gcggcgcgtg	gcggcgatcc	ccacgtggtg	gctttctcac	gctagccctc	tttggtcctc	120
cttgacgtcc	cgggcctgtg	ggcccgtttt	ctgccgagat	gccgaaggte	aagtcggggg	180
ccatcggccg	ccgccgcggg	cggcaggagc	agcgcgggga	gctgaagagc	gctggaggac	240
tcatgttcaa	cacgggggatt	gggcagcaca	ttttgaaaaa	tcctctcatt	attaacagca	300
ttatcgataa	ggctgcctta	agaccaactg	atgtagtgtc	ggaagttgga	cctggaactg	360
gcaacatgac	tgtaaagttg	ttagaaaagg	caaaaaaggt	tgttgcttgt	gaacttgacc	420
caaggctagt	agctgaactt	cacaaaagag	ttcagggcac	gcctgtggcc	agcaaaactt	480
aagtactggt	gggtgatgtg	ctgaaaacag	atctgccatt	ctttgatact	tgtgtggcaa	540
atttgcttta	tcagatctct	tcaccttttg	tcttcaagct	gttgctacat	cgaccttttt	600
tcagggtgtg	tatacttatg	tttcaaagag	aatttgcctt	ccgactgggt	gcaaaacctg	660
gagataagtt	atactgcaga	ctctcaatta	atacacagct	gttggcacgt	gtggaccatc	720
taatgaaagt	gggaaagaat	aacttcagac	caccgcccac	ggtggaatcc	agtgttgtaa	780
ggatagaacc	taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	840
ggataacctt	tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtgc	900
aacaactctt	ggaaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	960
aagatttcag	catagcagat	aaaatacagc	aaatcctaac	cagcacagggt	tttagtgaca	1020
aacggggccc	ttccatggac	atagatgact	tcacagagat	gctacatgga	ttcaacgcag	1080
aaggatttca	tttttcctag	gtatttgga	aacagaaatt	ttcaagggtc	agaaaagaaa	1140
tgaattttgt	attttttgtg	tttgagaaga	taatgctttt	gctttactga	gacattattt	1200
acttgactat	ttttggttca	atactactac	tgttgtcacc	atttatgatt	ctgaatttta	1260
aagttggaaa	gttctaagta	tcaaagtttt	taatataata	tgctgggtcca	atctattcat	1320
aataatcttc	aagttcagga	gccgcagaga	cgcacaactt	tacacttatc	atttctaaca	1380
gtttattgta	taaagatgtt	actcttctat	ttactgttat	atactgtaag	gccttcttta	1440
ggccttttag	tctgttcctc	cagtaataaa	aaagttaaaa	tatgcttcac	tagtcacaca	1500
ttccccatc	catttcgtgt	tattcacatt	ccccgtacca	tttcttggtt	ttcacatgta	1560
cagtaaaaca	attgtttctt	aaattaaaaa	aaaaaaa			1597

<210> 8119

<211> 4689

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (4568)...(1568)

<223> similar to gi1524092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8119

ccccagtc	cacaacctt	atttctctac	caaacagcag	gtcagcaggt	gggtacaggg	60
cccgtcctg	ctaagacctc	cccacctccc	cccaggaaa	agcagagaa	tctctgcagg	120
caccagactc	cctgcctccc	ccactgcgtt	tctctcactg	gccgccccaga	acctgtgaga	180

gggaggagggg	gtgagggcgta	ggggagggggg	ctacagaaca	tccagcccat	tgggtctgcaa	240
ggcagggtga	ggggcttttg	atgtggggga	ctaggaaagg	gatgtgagtc	ttgatttaca	300
tataaaatca	tcagtctgca	cacgctctag	gagggggcaa	gacataggga	caatccttgg	360
tgcaggtttc	tgctacccct	cgctagtttt	tgccaaagta	gcaaaagctg	agttaagaga	420
aaaattctgt	ccatcagagg	ccatcttcct	ctcatctgat	atgacgtgtt	cctccagcag	480
ggagggaggg	agagcgggtg	cccttgggga	atcagccatc	cttagtgaca	tcctttcggc	540
tcatgggtgt	cgtggggagg	gggcaaggag	tgaggccaag	agtccaggaa	gcccaccagg	600
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cgccacggtc	aggaacctga	ggatgtcggg	ggtctcaggt	accagggacg	cgggtggcaa	720
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aggacgggga	acctgagtc	caggagggcg	gcggggctga	ggcagtcag	ccagggcttt	840
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cgtctctctg	acccttcacc	cgcccggggc	ctgcacatat	aaacagaagc	agcctcgagc	960
tcttcgggag	ccgaactttg	gggaagcaga	gtggagtggg	ggggggctgc	ccacctcg	1020
ctgttacaca	gctggggccc	agatgggccc	tttcttgatc	ccccaggggg	cttgaccca	1080
gtcccagacc	aggaacgaa	gagagaggtc	agagccgtta	aggaagggac	ccccagagtc	1140
ctccgtcagt	gcagaggcac	cagtcaccaa	gtgaacgtcc	agcttccgaa	caagggggag	1200
caagctccag	ctgcactcgt	gatttggggg	tggggggggc	ccggatctct	gggtatgctg	1260
ccagctccgg	cttcttggtg	gccccctccc	agcctgcagc	tcctgggcca	gagctgcaga	1320
gcagggaact	tcccaggaga	gtccaggaga	caggaattac	agacctccca	ggccagaagg	1380
aagtggggac	agagacccca	ggacggggcc	cggggatggc	cattctgacc	tcgggcctgt	1440
catttatccg	gcgggacccg	gtgggcaagt	gggcgagtgt	ggtggcaagg	gtggggggcg	1500
gaggcgaaca	catgggcacc	atcagtctga	ggtacacacc	ggagactcca	ccctgttccc	1560
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cggggcagct	tctctatgat	gtccagggtct	ggcgggttga	agcccagagc	cgtggcagggt	2160
aggccatctg	tcaccagggtt	caccagagc	agctgcacag	ggatcagggc	ttcgggcagg	2220
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cggatgaatt	gcttcatgtt	gctgtagatg	gcccggccct	cctccacgc	agccacgatg	2340
gaggcaaagt	tgtcatctga	cagcaccatc	tctgcgcgcg	acttggccac	ggcgtgcct	2400
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ctgagggtcat	caaactcgcg	gcccgtgtag	gccttgccc	ccacgtcttc	cgtgtcccca	2640
aagatgccaa	gcctgcggca	gatggccacg	gcagtgcctt	tggtatcccc	cgtgatcatg	2700
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aactcgtgca	aaaggcagga	gcccgcctcg	gcctcggcta	ccacgaacat	ccggcagaca	3480
gacatctgat	tgggtggtgag	cgtgcccgtc	ttgtcggagc	agatgactga	ggtgcagccc	3540
agggctctcca	cggacggcag	gcttcgcacg	atggcgcttct	tgcgtgccat	gcgcccgcgtg	3600

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ccagtgcca ggcattgtagt gatgacagcc gggaggccct cggggatggc cgccaccgcc 3660
agggccacgg cgatcttgaa gtagtagaca gcgccacgca gccaggagcc accgtgggcc 3720
gggtcggcga agtggccgat gttgatgacc cacacggcca cgcagatcac agagatggcg 3780
tgggacagct gccgtccaaa ctctgtccagc ttgcgtgca gcggcgtccg ctccgggctcg 3840
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cccgtcagga tggactggtc cactcgcagc gtggtggact tgatctcgat gaggcggagg 4080
tcagcaggca ctttgtcccc cactgccact tctacaatgt cccctgggac gatgtcccgg 4140
gcacggatcc tctgcacgcc cttgcgggtcc gagcggatca ctttgcccat ctcaggctca 4200
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gcgttgggcca cgaggatcag catgatgacc aggggctcca cgaaggcggc cgtgggtctcc 4320
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accaggaggt cctcaaactg ttccagcacc agctcccaca gggacttccc ttcctcactc 4440
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ccctcggctg tcaccgagaa gtggcgcagc acgtcggcgg ccgggagcag atgcgccgcc 4560
tccatgccgc ccgccgggcc gtctgcgccg tccgcaccgt cgaggccgcc tctccgccgg 4620
ggggctacaa agcggggcgc gggggactcg ggcccgggcg ggcgccgcgc gaggccatgt 4680
ccgtgctgg 4689

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<210> 8120
<211> 1352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1228)...(647)
<223> similar to gi2598565 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8120
tttttttttt tttgtcagaa aactcagagg tcttgataag gcagtgagcc agaccccagg 60
gagatgtctg tgagtgtctg gggggcagtg aaggcaggaa gcagggtccc cgcttgaag 120
gggctggggc ttccctggag ctgcgctcag gcaccaagtc tgtgggtctc atggctctag 180
ctctgctgct ctgtgcagag cccaggatg accgggaaga acccagggca ctggacacat 240
ccctggaaag cagcaacctg ctgccacagg taaagcaaac ccatgagagg aaacggctag 300
agccagcagg catgggacag ggaggactgc tggcccctcc cactgtggcc cacaccggcg 360
ggttcaggcc agtcttgga tgtgaagatg gtggaggggc agctgctggc tggcagggtg 420
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catacttctt cacatcttca atccagttag gcaccgacag gaaggagctc ctcttgggtga 960
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accgctcctg gccggccggtg tcccagatct gcagcttgac ccgcttgccc tggatctcca 1080

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gcgtcttcat	ggtgaagtcg	acgccgatgg	tgcttccctg	gcgctccgag	aaggcgccgg	1140
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cctagaagaa	gccgaagggc	cggcgctctg	gacgctggga	ccggcctgag	ctcacgcaag	1320
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<210> 8121

<211> 4790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4528)...(3038)

<223> similar to gi4589652 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8121

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aaattttatt	acacaaatat	caccattcc	cacgtgtcag	aggaaagatg	tccttgctct	180
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atgcttacat	ttaattttaa	cttttttagca	caacattgga	gattgactct	aaatcagcaa	360
caaaaaaata	tatatattaca	atatttctcc	gaaaaacaaa	aaacacaacc	aaacccttta	420
aacataagtg	actttaggag	ttttatttat	ggagcagtta	tttttttaat	caccaagtga	480
ttttatatta	tatatatata	aattttcttc	ctttcccttg	tgggttttctg	ccccggtgct	540
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<210> 8122
 <211> 1375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (108)...(733)
 <223> similar to gi469945 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8122

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ctcactggag	agttctgggc	ctctgcctct	tatcagttgg	tgtttggggg	caagatggta	180
atgaagaaat	gggtggtatt	acacagacac	catataaagt	ctccatctct	ggaaccacag	240
taatattgac	atgccctcag	tatcctggat	ctgaaatact	atggcaacac	aatgataaaa	300
acataggcgg	tgatgaggat	gataaaaaca	taggcagtga	tgaggatcac	ctgtcactga	360
aggaattttc	agaattggag	caaagtgggt	attatgtctg	ctaccccaga	ggaagcaaac	420
cagaagatgc	gaacttttat	ctctacctga	gggcaagagt	gtgtgagAAC	tgcatggaga	480
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accagacta	tgagcccatc	cggaaaggcc	agcgggacct	gtattctggc	ctgaatcaga	720
gacgcatctg	accctctgga	gaacactgcc	tcccgcctgg	ccaggctctc	tctccagtcc	780
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tccctttgga	tgtactttct	ccgttcagtt	ccctcctttt	cttgcatgta	agttgtcccc	1080
catcccaaag	tattccatct	acttttctat	cgcctgcccc	ttttgcagcc	ctctctgggg	1140
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acccccccctc	cactgtaggc	cactggatgg	tcatttgcca	tctccgtata	tgtgctctgg	1320
ctccttcagc	tgaggagaga	aaaaaataaa	actgtatttg	gctgcaaaaa	aaaaa	1375

<210> 8123
 <211> 1014
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(394)
 <223> similar to gi3395506 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8123

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gatcttgag	aaattcattc	aaggcttttg	gatcacagac	cagttattca	aggtgaaact	180

tcccccgcca	gcatcgctgc	aacttctttt	tcagaagaca	ccctaaaaaa	agaaaagcaa	1440
gctgcctaca	atgctgactc	aggcctaaaa	gccgaagcta	atgacctgaa	gactgtgtcc	1500
acaaagggca	agaccaccac	tgcagatata	cacagctaca	gcagcagtgg	tggtggtggc	1560
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aaaaaaa 5707
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<210> 8125
<211> 797
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(560)
<223> similar to gi4929737 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<400> 8125
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caggggaaga gcagcggaag gggcctttcg gaacgatttg gaacgaaagg aagtgaaga 120
aacgcggaac catggccgct gtggttgctg tttgcggttg tctagggagg aagaagttga 180
cacacttggg aacggctgct gtcagcctta cacatcccgg gactcacacg gtgcttttga 240
gaagaggttg ttcacaacag gtatccagca atgaggacct gcccatattca atggaaaatc 300
cttataaaga acctcttaag aaatgtatct tgtgtggaaa gcatgtagat tataagaatg 360
tacagctttt gtcccagttt gtttctccat ttactggatg catttatgga aggacatta 420
caggtctttg tgggaagaaa cagaaagaaa tcacaaaagc aattaagaga gctcaaataa 480
tggggtttat gccagttaca tacaaggatc ctgcataatc caaggaccct aaagtttgta 540
acatcagata tcgggaataa attctatcac gttaccacta ataaacttat tttacagtaa 600
gtggttgat gatgccaata ctgactcaaa ccaacctttg gatagaaaag tgtttgagga 660
gtgaggtaaa gaatgacact tccccttcat accaatgtcc attaagcaga ttgctttatt 720
ttaaagtgtt aacactcatc acatttttat ctatgttgaa ttaaagtgg gttctgtgtg 780
attgtcattt aaaaaaa 797
```

```
<210> 8126
<211> 696
```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (564)...(294)
 <223> similar to gi6010051 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8126
 tgaatcatgt catttatattt aaactaattg taagacaatg aatataaagt tcaaaaagggt 60
 gtaagcaggt gatggtttta ttggcaaact tataggggta gtgtatgaag tcatttcaaa 120
 taacagatta agttgctttc cttacaacta aaagcttcaa ttactacatt tcaactttaa 180
 tttaacatca catctacatg gggaagcttt aatttcaggt ctgggagcag ctggtaaaat 240
 ggaaagttac cacatccatt ctagttcctt ggatatgagt atattccctt tcacctttca 300
 ccctatattt attgaaattt ccagtatact ttgccccatt tgggaatgtg taagtcccca 360
 gtccatgaaa catattatcc ttaaattgtc cttcatatac tgctcctgaa aaatgctcaa 420
 gtcttccaaa accattcatc ttgtcatctt tccagcttcc tgtgtagaca atcccattag 480
 gagtggatg aatacctatt ccatttctct cgtagattcc agaagatgtt cttgtacagt 540
 caccatcata cttgtctcca ttgggaaaga taaagctgat cttatacact tctgaagttg 600
 gccgagaggt gtttagagaga tcttccaaac tctgcgactc cccctgggag gccagctctg 660
 cggccgggag agaactaggc gctaggacag ctccag 696

<210> 8127
 <211> 879
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (123)...(483)
 <223> similar to gi529900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8127
 ggcacgagcg gcacgagccg ggctcgggcg acccgggggg gatctagggg tgggagactt 60
 cgcgggacgg tggcgcatgt ttcttgggag ttactgatca tcttctttga agaaacatga 120
 agttacacta tggtgctgtg cttactctag ccactcctgat gttcctgaca tggcttccag 180
 aatcactgag ctgtaacaaa gcaactctgtg ctagtgatgt gagcaaatgc ctcatcagg 240
 agctctgcca gtgcccggcg ggagaaggca attgctcctg ctgtaaggag tgcagtctgt 300
 gtcttggggc cctttgggac gagtgctgtg actgtgttg tatgtgtaat cctcgaaatt 360
 atagtgcac acctccaact tcaaagagca cagtggagga gctgcatgaa ccgatccctt 420
 ctctcttccg ggcactcaca gaaggagata ctcatgtgaa ttggaacatc gtttctttcc 480
 ctgttgacga agaactttca catcatgaga atctggtttc atttttagaa actgtgaacc 540
 agccacacca ccagaatgtg tctgtcccca gcaataatgt tcacgcgcct tattccagtg 600
 acaaaggtaa ctgccaacag ttgacttttt ccattccgcc ccctcatgtg gtctgtccat 660
 gtaatctata aaacctatat aagaccatct tttggagcag ccttttggtt ttgaatttgt 720

atcatctttg	ctttcaatat	ttaatTTTT	cctttttact	tatttatatt	tgctaaaaga	780
ttacctactt	tattattact	ctacaaataa	ccagcttttg	cttttattgc	ttggcttagt	840
tggtcttttt	aatttgcttt	ttaaaattac	tgtttttat			879

<210> 8128

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (606)...(336)

<223> similar to gi4006932 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8128

ttttttttt	ttaacttttc	acttctttta	tttgttaaaa	tagtcacatc	catatacatg	60
aaaagatttg	accataatgc	attcattgat	tgtggctctt	gccatctcgt	ggcatccagg	120
atcctggctg	aaagggttta	ccagtgtctg	tgggagccac	tgagggttct	tcctttccaa	180
agtatggagc	agaggcatgg	cctttaattt	gagtttgaac	tggtggaggc	aggagttcct	240
cactggtctc	tttactaagg	agtttttctt	tttcataaaa	atcttggtt	tttattttga	300
tttcttctct	gtgtttttca	ttcttttagta	tttctctcat	agtaggtgga	gtctttcttg	360
ttcttcta	ccaagcttcc	cattctgttg	gaatatcccc	tgcttcatag	tctacttctt	420
ttttatttgc	tgcttctaca	attcttttct	ctcgaatagt	ttgtctctct	cagttcttgt	480
actgcgggat	gtagtagtat	ttgttccoga	attgggtccgt	gcccacgtgc	tctttcactt	540
cccttgacag	cgatctccac	aaggcgcgga	acaaatcctg	agaccaaccc	atgccgtcca	600
cccagtttcc	agcgtgcca	ccagcgcccc	ccgcagtagg	ggtaatgctc	caaccgccga	660
caaagcccac	cgaggcggag	aagtcagccg	aaa			693

<210> 8129

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(443)

<223> similar to gi2316080 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8129

cggccggcac	tgccgttagg	accgaaggcg	cgcggtggcg	cccagcagct	ccagcgaggg	60
gtcgcgcagc	agcgggggtct	ccccactccc	cgccgcccc	tgtgagatcg	ttctgcatgg	120

gctcgggctc	agagcccggg	cgctgtggaa	gagattctag	accgggagaa	caagcgaatg	180
gctgacagcc	tggcctccaa	agtcaccagg	ctcaaatcgc	tcgccctgga	catcgatagg	240
gatgcagagg	atcagaaccg	gtacctggat	ggcatggact	cggatttcac	aagcatgacc	300
agcctgctta	cagggagcgt	gaagcgcttt	tccacaatgg	caaggtccgg	acaagacaac	360
cggaagcttc	tatgtggcat	ggccgtgggt	ctaattgtgg	ccttcttcat	cctctcctac	420
ttcttgtcca	gggcaaggac	gtgagccagt	gggagctggt	gtctgtgggt	gccaaaggga	480
gccagggtct	tccctgcctg	gtgttttggg	ctccagagga	cttacctaca	aaatactcct	540
ttgcaattat	aattgtgggt	caggaatctt	cttcctg			577

<210> 8130
 <211> 1963
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (330)...(1030)
 <223> similar to gi5123952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8130	
tttcgtggca	agatggcggg
aattctccca	gggttggggg
ggcgtggact	gatctgaaag
ctgcgaagcc	tcggcccgca
gcaggaatcg	caccgcggtg
ggtggcggag	ctggctgcag
tggagtttat	gaagcgggac
gtaccatcgc	agccacggcc
gagcaacaga	gaagatgaag
ttgccccttc	gccagacaaa
ctggcacagc	tgagccctat
cagcaaccta	ctgtaatgaa
agttctgctt	ggaggagaag
tccggggcct	ctacaccaag
ggtattttcta	taaagtccat
agcgggcgga	acagagcatc
tgggcatttc	acccatatct
tccctgaagg	agaacctggc
agcccccagc	agaggtgact
tcgccaaacc	ggccactgca
tgctagaggc	atccttggag
cacccccctat	tcactccaag
ggcctccagc	cagagtagag
agctgaactc	ggatagtggg
cggacatcag	tgaggactgg
agatggcact	ttccaaagtg
gaagcgagcc	taatggtcct
aggagggtcc	ctgctcctgt
ctcagaccca	caacattggg
agggtgagct	tgctcgtttt
gggaacgtga	gatcagcggg
tgaggggggtg	ggcaagcggg
taaaccggat	ccttgggcgg
ccacagggag	gacgtgggat
agagaagtcc	tctgaagcct
ggtgcagcat	gacacggcct
ggctacggaa	ggctcctcag
aggggtgatc	tcagacacct
caccctgatg	ggcacaccgt
ctatagcctg	cagtcgggacc
gttttgacgcc	tggttttccc
ccttgtaggc	agccccctca
ccattcagaa	ttctggcatc
ccggagggac	gccctgaagc
ggaggaggaa	gaggagctca
tgtggccaaa	atttctacat
cctgtgaaga	gaatctgggtg
catctccctc	gtgacacaga
caaggacctg	tcccaaaagc
tgtgggtgag	actggaccct
caccggcggc	ccagagccca
cacagactta	cgggtgtttg
tggaaagaaa	ggctcaagca
catgactgaa	gaggaggtgc
tgggcctggt	gggtcagagg
gccagcccag	ctgtcccctc
aaaggagctg	gagcttcctg
cctcagttcc	agggtggata

```
gaggggtcaag ttcttgacct tagctctgta tcaaaattgc ctgagaaact gcttaagaaa 1800
acagatgtca tgctgagcgc ggtggctcac acctgtaatc ccaacacttt gggaggccaa 1860
ggtgggagga ttgcttgagg cgaggagtgc aagaccagcc tggccaatat agtgagaccc 1920
catttctgtt ttgaaaaaa aaaaaaagg ggcggccctt tag 1963
```

```
<210> 8131
<211> 6769
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(6770)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (6377)...(4027)
<223> similar to gi2662079 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 8131
tttttttttt ttaccttatt atatagaatt tgtacaatat atttcttttc gtttgcatat 60
tttaaccacac agcttaacat cttttttaca ggctgaactc actcaggctg atagaatcaa 120
aattcttttca accaaataag aaaaattcaa aatcgtaaac ccgtaagaaa acaaattaaa 180
aacggtgatg aaaatacgtc actcctctcg ttaggaacag tgtctggttt gtaccacaag 240
gtatgcctct ggaacaagga ttcttttaca agcgtgaaggc acggtgtttc cacctttgct 300
ctgcgggctt cgctccctcc ggagcctggg gctccttgga aagcggcggg gacgcggcgg 360
gctctgggct tcggcaggcg caccocgggt ggccgggaag acagaaggcg ggccggggcc 420
gaagccgggg aagaggcagc ccgcgtggtg cgcagccgga actcagggtc tggttttccc 480
gtgaaacttg cagcgaagaa tcccagaacc aagcaggggc aagtgggcgg acaagggtgct 540
cctggggagc ccagcgtttt attttacagc tgaatcttcc ctaaccggga agattgaatt 600
acaaccggcg gcgattgcca tagggggagg ttaattccgg ccctaccgcc cgctttactc 660
ggagtctggg gtgtggaggg gcgtgggtgg cgctatctcg tctaccttcc aggttggtcg 720
tgagtctgag cagcagcgg ggccctccct ccaagcacta agacttggtt cctgtgagtc 780
ccctcttggg aaactcctta ctgggaggcc tccctcgggtc tgagggatga agaagggtgg 840
gccttctctg ggggtggtgca ggcagctccc aaagcaagg aggtttggca aagagcaaaa 900
gatgggaaaa gggtttctac ggagccagca gcacctgcct attcagggtc caagccacag 960
gaaccaggcc aggcctttcc accagggcaa tggcctcagt cctcaggcca ccaagttcca 1020
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ttctaccaga actctggggc ttagctgaga acccaattgt agggctgtga agccccgctg 1140
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ctgcaagact tgggcccctg caatccagat ccctgcagac cctgcacaga gggatcttca 1260
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ccctaaaggc atgtccaac cccacgggtc ccactaaggc cggcacgcag cccacacgcc 1440
agacttgctt catgttccca agcgtggctc tggagggaga atcatcatcg gcaactccagg 1500
gcaagactaa acccatcaaa agaaaaatgt aaaacagcac tgactagaac taatgtcggt 1560
attgctacaa gtgacagcca aacagccacg cagagtccca gaggtgggta tgacagacta 1620
ccatgactat caagcagaaa taaaattatg tgggttttta ctcttaaaat aagatatcct 1680
```

ctgatcatct	tcacggtaca	taagctcacg	cgtgctcctc	acattctgct	cctttcacag	1740
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gaagcggtaa	tacagagtgt	ctcctggaag	ttcaaaatct	ttccacttct	gctgagaccc	3120
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cacctccatt	cctggctcct	ccatgaactg	gcactgcagc	agggccatgg	tccccagcat	3360
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tcagggcctg	caagtggcat	caggaagaag	ggacagttta	cttcaaccca	agctccaccc	3480
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acagctcagc accctggaca gctttcttct ctagctgctc ctctgacgct ccggtgggca 6360
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gccaggtgta gttatggata tatggctgga tgagcctctg ccggtcactg atccgaatgg 6660
ttaccattgg gtgggcccgt atgctgtggg taggcaaatg gccgtaggag tatttctcgg 6720
acgcgtgggt cgncccgggc gtacgggtct ctaacgacgg gcgtcaaaa 6769

```

```

<210> 8132
<211> 1389
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (573)...(732)
<223> similar to gi5002569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8132
cgatttcgtg taagatggca gcggacggac agagctcgct ccccgcttca tggcgggtcgg 60
tgaccctcac ccacgtcgaa tctcctgcag gtgatctctc cggccacctc cttgcctacc 120
tgagcctcag ccctgtattt gtcacgtcgt gtttctgtgac cctcatcata ttttaagcggg 180
agctgcacac gatctccttc cttggggggcc tggcactgaa cgaggggggtc aactggctga 240
tcaaaaacgt catccaggag ccacggccct gtggaggccc ccacacagca gtgggcacca 300
agtacgggat gccctccagc cattcccagt ttatgtggtt cttctccgtc tattccttcc 360
tttctctgta ttttaagaatg caccaaaca acaacgccag gttcctggac ttgctgtgga 420
ggcacgtgct ctccctggga ctctcgtctg tggccttcc agtctcctac agcagggtct 480
acctgctgta ccacacctgg agccagggtgc tctatggagg catcgtctga ggcctcatgg 540

```


09-06-2017

<400>	8134						
ggtcga	cgatttcggt	ctcctcagaa	gtcgccttagc	tcttcggttg	ttgtcacacg		60
gaggcc	tagccgtcgc	gtacctagga	tgccgcgttg	aagccgaagc	cgcacctccc		120
ggccc	tccggccagc	cgggcccctc	agatgagagc	tgaccccagg	ccagcaccag		180
cagcc	accagcagcg	gcacccccat	ctgcagttgg	ctcttctgct	gctgcgcccc		240
gccagg	tctgatggcc	cagatggcaa	ccactgcagc	tggcgtggct	gtgggctctg		300
ggggca	cacattgggt	cacgccatta	ctgggggctt	cagtggagga	agtaatgctg		360
gcgag	gcctgacatc	acttaccagg	agcctcaggg	aaccagcca	gcacagcagc		420
gccttg	cctctatgag	atcaaacagt	ttctggagtg	tgcccagaac	cagggtgaca		480
gctctg	tgagggtttc	aatgaggtgc	tgaacacagt	ccgacttgca	aacggatttg		540
atgaag	aagttcaacc	tggagagatg	gaaaatcagc	tctcataact	aagttaattt		600
caaaa	tagaattgat	agtgagggtg	taaagtgtaa	ccatcagtta	aacctctcct		660
ctccta	gcttccttgc	ttcagaattg	aaatggaagt	gggggtgtcc	ctactctgta		720
ctggga	ctgggcaaat	gtttgtgtgg	cctccttaaa	ctagctgtta	tgttatgatt		780
cttttg	tgagttaatt	agaataaagt	cattttcttc	caaggtataa	aaaaaa		836

```
<220>
<221> misc_feature
<222> (580)...(829)
<223> similar to gi2414615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

6738

ctctggacaa	gtaaaactctg	agacctggga	atggcgggcg	ggacccgctc	ctcccttggg	240
gtctagagga	gacccccgga	gatggtcctt	gatgagcagc	gtgatgggtg	aaagctggac	300
tggctctccg	aaaggcgaag	ccgaggcttc	ttcctctgaa	cttttggggc	agctgagggg	360
cccacggaca	tagggcaccc	acaataggcg	tgtgtctgct	gtgtgtttgt	gttcggccgt	420
cctgcttctc	tgcttccaca	cgtacacatg	ccccgtgtt	actttgggtc	atcttctgta	480
ctctgtcagt	tttctgctgg	tcagaacatc	tgtgactgtg	acagagctgt	ccaggattgc	540
agtggatagg	aattttcttca	catggctcct	ggagaagtga	ccatcacagt	tcgcctcatc	600
cgttcctttg	aacatcgcaa	tttcaaacct	gtagtgtatc	acggagtga	tttggacca	660
actgtaaagg	aatttatcgt	atttctaaag	caagatgcac	taaagattat	tcatcaagca	720
cataaatcaa	agacaaatga	acttgtgttg	agtttggga	atgacgaaag	actcctgctg	780
aaagaagaca	gcactctgaa	agcagctgga	atcgaggagg	aggatgagaa	tgatgtgcat	840
tccgatctct	tggctgagga	cagtagggtg	ctgctctcca	aatatgcaga	atgcaaattg	900
ctgttttcag	aagccagtga	aactgaaatt	gcattcttct	gtgaagaaga	ttataggaac	960
tacaaagcta	atccc					975

<210> 8136
 <211> 2797
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (225)...(2797)
 <223> similar to gi3170196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8136						
tggagatgga	ggggaaggag	gatgcccaga	agggtgctgaa	gtgcatgtac	tgtggacact	60
cctttgagtc	cttgaggagc	ctcagcgctt	acatgatcaa	aaccaagcat	taccagaaag	120
tgctctgaa	ggagccagt	ccagccatca	ccaaactggg	cccctccacc	aaaaagcggg	180
cgcttcagga	cctggcgccc	ccctgctccc	ctgagccagc	aggaatggcc	gcagaggtgg	240
ccctgagtga	gtcagccaag	gatcagaaag	cagcgaaccc	gtacgtcacg	ccaataaacc	300
gctatggcta	ccagaatggc	gccagctaca	cctggcagtt	tgaggcccg	aaggcgaga	360
tcctcaagt	catggagtgt	ggcagctccc	acgacacgct	gcagcagctc	accgcccaca	420
tgatgggtcac	cgggcacttc	ctgaaaagtga	ccacctcggc	ttctaagaag	ggcaagcagt	480
tggtgctgga	ccctgtggtg	gaagagaaga	tccagtccat	cccactaccg	cccaccacc	540
acacgcggct	gccggcctcc	agcatcaaaa	agcagcccga	ctctcccgcg	gggtccacga	600
cttctgaaga	aaagaaagag	ccagagaagg	agaagccgcc	tgtggctggc	gacgcggaga	660
agatcaagga	ggagagtga	gacagcttgg	agaaatttga	gccagcacc	ctgtacccgt	720
acctgcgtga	ggaggacctg	gacgacagcc	ccaaggagg	gctggacatt	ctcaagtccc	780
tggagaatac	cgtctccacg	gccattagca	aagctcagaa	tgggtgcgcc	tcatggggtg	840
gctaccccag	catccatgca	gcctaccagc	tcccgggcac	cgtgaagcca	ctgccggcgg	900
ccgtgcagag	cgtgcaggtg	cagccgtcct	atgctggcgg	cgtgaagtcg	ctgtcttccg	960
ccgagcacia	cgccctcctg	cactccccag	ggagcctcac	gccccaccg	cacaagagca	1020
acgtgtctgc	catggaggag	ctgggtggaga	aggtcacggg	caagggtcaac	atcaagaagg	1080
aggagagacc	ccctgagaag	gagaagagct	ccccggccaa	ggctgcgtcc	cccatagcaa	1140
aagagaataa	agatttcccg	aaaacggagg	aagtcagcgg	caaaccacag	aagaagggcc	1200
ctgaggccga	gactgggaag	gccaaaaagg	agggaccgct	ggacgttcac	accccaaattg	1260
gcacagagcc	tctcaaagca	aaggtcacca	acggctgtaa	caacctgggg	atcatcatgg	1320
accactcacc	ggagccttcc	ttcatcaacc	cgctgagcgc	tttgcagtcc	atcatgaaca	1380

```

ccccctggg caaggtgtcc aagcccgtga gtccctcgct ggacccgctg gcgatgctgt 1440
acaagatcag caacagcatg ctggacaagc cggtgtaccc cgccaccctt gtgaagcagg 1500
ccgatgccat cgaccgctac tattatgaaa acagcgacca gccattgac ttaaccaagt 1560
ccaagaacaa gccgctggtg tccagcgtgg ctgattcggt ggcattcacct ctgcgggaga 1620
gcgcactcat ggacatctcc gacatggtga aaaaacctcac aggccgcctg acgcccaggt 1680
cctccacgcc ctccacagtt tcagagaagt ccgatgctga tggcagcagc tttgaggagg 1740
cgttggacga gctgtcaccg gtccacaaga ggaagggccg gcagtccaac tggaaaccgc 1800
agcaccttct catcctgcag gccagtttcg cctcgagctt gcgggagacc acagagggca 1860
agtacatcat gtccgacttg ggcccgcagg agagggtgca catctcgaag tttactgggc 1920
tctccatgac caccatcagc cactggctgg ccaatgttga agttaccagt ttgaggagga 1980
caggggggaa gaaattccta aaagaacctg ggacacaggg gcatcctgtt ttcttttgca 2040
acgattgtgc ctctcagttc agaactgctt ctacatacat aagtcatttg gagacacact 2100
tgggcttcag cctgaaggat ctctccaagc tgccactcaa tcagattcaa gaacagcaga 2160
atgtttcgaa agtcctcacc aacaaaactc tggggccact gggggccacc gaggaagact 2220
tgggctccac attccaatgt aagctctgca accggacttt tgcgagcaag cacgcagtca 2280
aactgcacct taataagacc cacggcaagt ctcccagga ccacctgatc tatgtgactg 2340
agttggagaa acagtagcgt ccaggtatgc aagagaccgc ggaacattgc actaaacgtc 2400
gtcgagctgc actaggcctg gcctgagcct ctgaaatcag tctttccttt gttgctggcc 2460
cgcctctctg gaccttggtt ttcttacaca tattttgtat atttatatgc tctctgtccg 2520
atctgtgcat gttatttttc tttttccgtg agtcaaagtc tgacctttat tttcaacatc 2580
tgttcttggt gttaagctat cttttgtagg aaatagtggg gcacactact cagagacatt 2640
atthagcagt aaagaaagac acaaataaca atgataaaaa gacatcctaa aatgggtgaag 2700
ttgccatgac aataaaggtc atagaacctg gtagtgtcaa atttaaccct ttgaggactg 2760
taattgcatt tctgtgcctt tcacttgaaa aaaaaaa 2797

```

```

<210> 8137
<211> 3021
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3022)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (527)...(2435)
<223> similar to gi4868122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8137
tttcgtatga gaggtgtgtg gagangctgc agccgcgggc agaggagacc tcagcatcat 60
ctagagccca gcgctggccc tgccctccgc tgcccgccg ccgcgctgc cgtttctgtt 120
cctgtacttg tcccacctaa acaactcccg ttacacggac aagtgaacaa ctgtggctgt 180
cctctccttt tcttctctct ctccaactc cttctcctcc tcccacttcc cagccgcagc 240
agaaagcccc caaccctact gacactggca caactgcaaa cgggtgtcatc cgcacaactt 300
tatctcgtct ctgggctcc cctaaggcat tggacccatc gccgcgtctt ttattttttg 360
caaagttgca tcgctgtaca tatttttgtc cccgccacct ccctctgtct ctggagtgcc 420
ctacagcccc gcaaaactcct cctggagctg cgccctagtg ccctgctgg gcagtggcgt 480

```

tccccccat	cctccccgc	ccagcccctg	ctgctctggg	cagacgatgc	tgaagatgct	540
ctcctttaag	ctgctgctgc	tggccgtggc	tctgggcttc	tttgaaggag	atgctaagtt	600
tggggaaaga	aacgaaggga	gcggagcaag	gaggagaagg	tgcctgaatg	ggaaccccc	660
gaagcgcctg	aaaaggagag	acaggaggat	gatgtcccag	ctggagctgc	tgagtggggg	720
agagatgctg	tgcgggtggct	tctaccctcg	gctgtcctgc	tgcctgcgga	gtgacagccc	780
ggggctaggg	cgctggaga	ataagatatt	ttctgttacc	aacaacacag	aatgtgggaa	840
gttactggag	gaaatcaa	gtgcactttg	ctctccacat	tctcaaagcc	tgttccactc	900
acctgagaga	gaagtcttgg	aaagagacct	agtacttcct	ctgctctgca	aagactattg	960
caaagaattc	ttttacactt	gccgaggcca	tattccaggt	ttccttcaaa	caactgcgga	1020
tgagttttgc	ttttactatg	caagaaaaga	tgggtgggtg	tgctttccag	attttccaag	1080
aaaacaagtc	agaggaccag	catctaacta	cttgaccag	atggaagaat	atgacaaagt	1140
ggaagagatc	agcagaaagc	acaaacacaa	ctgcttctgt	attcaggagg	ttgtgagtgg	1200
gctgcggcag	cccgttgggtg	ccctgcatag	tggggatggc	tcgcaacgtc	tcttcatttc	1260
ggaaaaagaa	ggttatgtga	agatacttac	ccctgaagga	gaaattttca	aggagcctta	1320
tttgacatt	cacaaacttg	ttcaaagtgg	aataaaggga	ggagatgaaa	gaggactgct	1380
aagcctcgca	ttccatccca	attacaagaa	aaatggaaag	ttgtatgtgt	cctataccac	1440
caaccaagaa	cggtgggcta	tcgggcctca	tgaccacatt	cttagggttg	tggaatacac	1500
agtatccaga	aaaaatccac	accaagttga	tttgagaaca	gccagagtct	ttcttgaagt	1560
tgcagaactc	cacagaaagc	atctgggagg	acaactgctc	tttggccctg	acggcttttt	1620
gtacatcatt	cttggtgatg	ggatgattac	actggatgat	atggaagaaa	tggatggggt	1680
aagtgatttc	acaggctcag	tgctacggct	ggatgtggac	acagacatgt	gcaacgtgcc	1740
ttattccata	ccaaggagca	acccacactt	caacagcacc	aaccagcccc	ccgaagtgtt	1800
tgctcatggg	ctccacgatc	caggcagatg	tgctgtggat	agacatccca	ctgatataaa	1860
catcaattta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920
tctacagata	ataaagggga	aagattatga	aagtgaacca	tcacttttag	aattcaagcc	1980
attcagtaat	ggctcttttg	ttgggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaag	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggatttgg	agaagatgaa	ctaggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgtctgtg	2400
cagtccaggc	tgggaggggg	acttctgcag	aactgggtaa	ccctgaaaag	gtttgtctcag	2460
aacatccttt	gctggccaac	tgactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aaggaggttt	2580
atatggcgga	tattccaccc	aaccaaaatc	caaaactgac	tgttcccttc	tgttgactctg	2640
gagttgcttg	agcctctgtg	tctccccctc	aggctggggc	actcccatgt	tgagatccta	2700
ccttgaagga	atgggaacat	agagcttggg	aggccctctg	tagagaatgc	tcctgtgaag	2760
cagagatttc	aaaggactaa	aatcttcatt	ttaaataagag	ttaattttgc	aaaggggttg	2820
aattgtttct	catgatctct	gcttctctag	aaatgtctct	cattctctgc	tgagttcagg	2880
tctccaaata	actatgggtg	taaaagcctg	tttcctactt	gcatatttat	ctttcagatc	2940
attttgaac	tatctccctc	cttttttccc	tcgttccct	tattcagcaa	atatttggtg	3000
gtctcatgct	cagtccgtgt	t				3021

<210> 8138

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(1248)

<223> similar to gi4914607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8138

tttcgtggag	cagacaagat	ggcgacgtcc	gtggggcacc	gatgtctggg	attactgcac	60
ggggtcgcgc	cgtggcggag	cagcctccat	ccctgtgaga	tactgccct	gagccaatcc	120
ctacagccct	tacggaagct	gccttttaga	gcctttcgca	cagatgccag	aaaaatccac	180
actgcccctg	cccgaacct	gttcctgctg	cgtcccctgc	ccattctgtt	ggtgacaggc	240
ggcgggtatg	cagggtaccg	gcagtatgag	aagtacaggg	agcgagagct	ggagaagctg	300
ggattggaga	ttccacccaa	acttgctggg	cactgggagg	tggctttgta	caagtcagtg	360
ccaacgcgct	tgctgtcacg	ggcctggggg	cgctccaatc	aggtggagct	gccacactgg	420
ctgcgcaggc	ccgtctacag	cctgtacatc	tggacgtttg	gggtgaacat	gaaagaggcc	480
gctgtggagg	acctgcatca	ctaccgcaac	ctcagcgagt	tcttccggcg	caagctgaag	540
ccgcaggccc	ggcctgtctg	tggcctgcac	agcgtgatta	gcccacgga	tgggaaggatc	600
ctcaactttg	ggcagggtgaa	gaactgtgag	gtggagcagg	taaagggggg	cacctactcc	660
ctggagtcgt	tcttggggcc	gcgtatgtgc	acagaggacc	tgcccttccc	accagccgcg	720
tcgtgtgact	ccttcaagaa	ccagctgggtc	acccgggaag	ggaatgagct	ctatcactgt	780
gtcatctacc	tggccccctg	ggactaccac	tgcttccact	ccccaccga	ctggactgtg	840
ttccaccggc	gccacttccc	aggctccctg	atgtcagtga	accctggcat	ggctcgctgg	900
atcaaagagc	tcttctgcca	taacgagcgg	gtggtcctga	cgggggactg	gaaacatggc	960
ttcttctcac	tgacagctgt	gggggccacc	aacgtgggct	ccattcgcac	ctactttgac	1020
cgggacctgc	acacaaacag	cccaaggcac	agcaagggct	cctacaatga	cttcagcttc	1080
gtgacgcaca	ccaatagaga	gggcgtcccc	atgcgtaagg	gcgagcacct	gggcgagttc	1140
aacctgggct	ccaccatcgt	gctcatcttc	gaggccccca	aggacttcaa	tttccagctg	1200
aaaacaggac	agaaaatccg	ctttggggaa	gccctgggct	cgctctagag	tctctttcct	1260
gattatggct	gctaagggat	cttttccaaa	cagagtgagg	gtcttttcaa	gagggaggcc	1320
catgaggcca	tccaggtaag	ggcctgcctc	agcgtgggtg	ggagtctgac	caggtaggac	1380
ttgaatgatt	cggctaccac	ctgttccaga	ggtgcagaca	agaggtggcg	agagccccca	1440
tcatgcccct	caacctatcc	cgttccttct	gcctacaaat	aaaaagtgc	ggctggaaaa	1500
aaataaataa	actgaaaaga	agctgaacac	aagaactaaa	aacaggaaac	cccggggggg	1560
gggggggtta	aaaaagaatg	ttgggggggc	caacattaat	ccgggagcag	acttgttttt	1620
ttttt						1625

<210> 8139

<211> 1383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (236)...(590)

<223> similar to gil67411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8139

tttcgtgaga	aaccgggagg	gcaggcgcgg	ccgttttggt	ttatccgggc	cgcttcccgg	60
cgggaggcgg	gctgctaata	ggaagcggga	ggaggaggcc	gggccgcggg	ctggttctat	120
cacccccttg	ggagcccagc	tcttcaccta	gctctccggc	gcttttcaaa	atctgcagtt	180

cagctccagc	aggccctcc	agctgcctgg	gctgaggtgt	ctggtgcctg	gaacagactt	1020
ccctgtggag	gattcctgcc	agaccctgcc	cggctcctcc	ctgaccggtc	cttgtgccct	1080
caccagacac	cctgttggcc	atgactcaac	aaaccagtgt	tgggagccgt	ctgcctcccc	1140
agctcagtgc	ctttctgcac	cccttctctc	ctggggagct	gtctgcatcc	gccacccctt	1200
ccaaccactg	ccctcagccc	ccgaccttat	ttattaccct	cccctcccac	acccccaatc	1260
tacctggtga	tgattttaag	tttgcgcggtg	tcttggggttg	ggctggggggg	tttcccacat	1320
gcagtgtcag	aggggcccgc	cggtggggct	atctccggtg	ctatattaat	ggcaagacta	1380
aatgaaacct	agggcacggc	ctccgaagct	gcgtgtggcc	ccttagaggt	gagcatcaga	1440
gccagagcag	tgagggggag	actcaccac	cctctccctc	tcccttcagc	tctgggaggc	1500
aggcgagtg	ccccctccc	gtgggctggc	ccaggaccgc	gggtgaaacc	tgggtctgtt	1560
tagtttcttt	ggtttttgta	tgtttggttg	tttttgacac	agtctcgctt	tgttgccag	1620
gctgggggtg	agtggaacga	tcgcgggtca	ctgcaacctc	cacctcccg	gctcaagcga	1680
ttctctcacc	tcagcctcct	gagtaggtgg	gattacagat	gcccgccacc	acaccagtt	1740
aatttttgta	tttttagaag	agatgggggt	tctccatgtt	ggccaggctg	gtcttgaact	1800
cctggtctca	agtgatccgc	ccgcctcggc	ctcccaaagt	gctgggatta	caggg	1855

<210> 8141
 <211> 2165
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(1255)
 <223> similar to gi5689799 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8141						
gcccactggc	cagggagggc	gccgcgcgga	ggcgcggttcg	tgtctcctgt	caaaagccat	60
gctcgggagg	tctgggtacc	gggcgctgcc	cctgggtgat	tttgaccgct	tccagcagtc	120
gagcttcggc	tttctgggct	cgcagaagg	ctgcttgctc	ccggagcggg	gcggcggtggg	180
gacaggggcc	gatgtacccc	agagctggcc	ctcctgcctc	tgctcatggc	tcatcagttt	240
cctgggggtc	ttgctgctgt	tggtcacctt	ccccatttct	ggctgggttg	ccctgaagat	300
tgtgcccacc	tacgagcggg	tgattgtgtt	ccgcctgggc	cggatccgca	ccccccagg	360
acctggcatg	gttctgctct	tgcccttcat	tgactccttt	cagagggtgg	atctgaggac	420
acgagccttc	aacgtccctc	cctgcaagct	ggcctctaag	gacggggctg	tgctgtccgt	480
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<210> 8142
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
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<222> (1272)...(737)
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      Run with FASTXY 3.3t00, default parameters

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<210> 8143
 <211> 2560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1991)...(1294)
 <223> similar to gil729769 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 8144
<211> 3369
<212> DNA
<213> Homo sapiens
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<220>
<221> misc_feature
<222> (74)...(2735)
<223> similar to gi5281314 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 8145
<211> 3722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (320)...(1591)
<223> similar to gil469179 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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<210> 8146
 <211> 1139
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(1142)
 <223> similar to gi3378206 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8146
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 cacgggtaca acattaccga gagctgcttg actccttgcc aatggatgcc tatacacatg 480
 gctgcatttt acatcctgag ttaactgttg actccatgat cccggcttat gcaactacaa 540
 ggattcgtag ccaaattgga aacacagagt ctgagctgaa gaaacttgct gaagaaaacc 600
 cagatttaca agaagcatac attgcaaaac agaaacgact taaatcaaag ctgcttgatc 660
 atgacaatgt caagtatttg aagaaaattc ttgatgagtt ggagaaagtc ttggatcagg 720
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 ttcttggcac gacccttgtg gttggtttgc ttgcaggagt gggatatttt gcttttatgc 1080
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<210> 8147
 <211> 3395
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (29)...(1315)
 <223> similar to gi4826454 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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accgggagtt	ggaggtgtcc	gatctcgagt	tgggatccag	caaggccttc	tcagccagtc	180
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<210> 8148
 <211> 4794
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (64)...(2134)
 <223> similar to gi5689471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8148

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<210> 8149

<211> 3707

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (360\bar{6}) \dots (2911)$$

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<223> similar to gi929615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
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 <211> 4684
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4670)...(3199)
 <223> similar to gi3882309 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gaaa						4684

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4747)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4322)...(611)
<223> similar to gi3882205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 8152

<211> 2139

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1964)...(1583)

<223> similar to gi3176438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gctgccggag aaatcaaagt ctaggaagta agaggtaaga gtgtactaca ggggacatac 780
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gaccaatctc aagccagctt tgtcagaaat cctaaataac aggagaaggg tgggaagaaa 960
ggatatgatt atttcttatt ccattttcca taagaggtga gaatgacaag gacctctttt 1020
ctaactcctc ttgaggggtg gagaagggtt agcaggagga gaagggtctg gagctctgag 1080
gtctcctgta agacctcata tctcacaggc aaggactaag aattaggatt aaatatatta 1140
gtgggatagc tctaaaccag gattagcaag caaagttagg gcgcaaattc ctggaatctg 1200
actgggaccc tggcagtgaa agctgggact gttgaaaacc caatttaagt gttcgctact 1260
catgttgaga gtgcagggcc aagataacta gatcccagga caggcagttt ggcagtgaga 1320
acaaaaggaa gacactggga ccaaggtgcc tagatccctc gagagagaag ggtgggtatt 1380
gggaggaaaa atgaggactg gggaaaccca ggaggctggg ttctggaata gcagcaagtc 1440
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cccatgtgtt cattgtccac agtgtcactt gtccattcta cctttttctc tggcttccgt 1860
ttccgaagtt tgatggtaag gctccggttc tcgggctcgg ttgtcacggt aaccgttgtc 1920
tcagtgcagg tctcgtcag cccagccctt gcctcgcca tggctaaggc tcaggacagg 1980
gaggagagga ggaaggggga tgagacaccc ttcccttttt ctgtcgtga ggtctaagag 2040
aagcggtatc ggattcagag tggtagccag gatcctccac cttctttatt cccctcctc 2100
ctgggcctcc gcttctccac ccctggggat aacctggct 2139

```

<210> 8153

<211> 1625

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1567)...(887)

<223> similar to gi4454690 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8153
aatacatgga ggcaggggact ttgggtcaaa ttactggggg aaatggaaaa gttaatatgt      60
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atctgcaactg aggggtaagg gaggtatcta tgaaaggggtg tgcaacttcc ccaaaccgca     180
gcaactccag ccagtttccc ggtactgcct tgccctgggt ttgcaggtgt ggctggaccc     240
agtttaaata tctggccaca agctcagcca gactctgggt ccctcggctg ttcactccca     300
ctgggcttct ggtcccagcc ccactctcagt cactgtgggt ggtcagaaga cagtaaatcc     360
caaacttgat tagttgcaaa gtccatctgg cttgggttttc tgttgctgat agagagacca     420
ggggagtttc tgtgtgagag aacgggggac tattctcact tcttccaccg cacaagctgc     480
tcaagggtggg ctgcatggct ggtctggctg gaaatactga aacagctctc cttcacctac     540
ccctagagta ggccggatgt gacccagga atgagaatat accagggcag atacagacac     600
agaaatgttt tgcctgatgg cattaggttt attttgtggg aaagcagaat tggggctctc     660
tgaaaggcac ttgtgaggca tagaagtaaa gggtgccaca tggctaattg tggacgtctt     720
cctggcatcc ttgggggtag gggaaagaca gacagctccc agggccacag aaaatacctc     780
tatcagatag agaaatccga gtcccagtc cttatgggtg agccaagggt taagcagatg     840
gcctgctttt ttatacgaa gagtttgctt cctccgggca atcttaaagt ctggcattca     900
cggctggagg tataggggcc atccacttct ccccagcag gtgcgccagc agctccatcc     960
ggtcagagcc aaataacatg tgggtttggc catccacatg ggccacggtg atgggcagcc    1020
caaaggctcc gtatctgcag gctgcctcag tgggtctcctt gagctgggtt ttcacctttg    1080
gcgttgcgat cttttccaga agtccctggg cttgttctgc agacatacca gccttctctg    1140
cagccgccag gatgctctgc ggctcggtag tgtcttcatt ccttgaccag acgcgcatcc    1200
acagctcccg ggacgctttc tccagcatct ctggatgctc caagttcacg gcggtgagga    1260
aacgcattgc agacaaactt cctttttcaa gcatcacaga caagaaatcc ttggggaagt    1320
ggatgggaat ctggagatgg tgtctcagga gctttaagtc atttgccatg tatagtccct    1380
tgccgggaag cagacctgga ggcttgtttc cactgtcttt catgatccct gttatgaggc    1440
tgggccgcaa ctgcagggtt atgttccaga tattctgata ccggcacagg atctcgaagc    1500
ccagccagga gtagggggac agcacgtcat agaagagctc cacggtgcgc ggccaggggc    1560
ccatgctgca ggctccgga gagcagtggc agcaggagct ccttttcccg gaacccggca    1620
cgaaa                                           1625

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<210> 8154
<211> 3474
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (112)...(793)
<223> similar to gi2649280 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8154
gaagtgtccc ctctacttcc ttgctgcctc acggttgctg ttgcagaccc aggagtctct      60
gaaggcttcc gcggcttttg ggccggttgt gagatgccag gcagaggccg ctgcccggac     120
tgccgctcca cggagctggt ggaagactcg cactattcgc agagccagct ggtgtgctcc     180
gactgcggct gcgtggtcac cgaggggggc cttaccacta ccttcagcga cgagggcaat     240
ctccgagagg taacatattc ccgaagcaca ggggaaaacg aacaagttag tcgcagccag     300

```


caacgaggtc	tccggcgagt	gagagacctt	tgtcgagttc	tgcagttgcc	accaacattt	360
gaggataccg	cggttgccta	ctaccaacag	gcataatcggc	actctggcat	ccgagcggcc	420
aggctgcaaa	agaaggaggt	gttggttggg	tgctgcgtct	taatcacctg	ccgacagcat	480
aactggcccc	taacaatggg	ggccatctgc	acgctgttgt	atgcagattt	ggatgtgttt	540
tctagcactt	acatgcagat	agtgaagctc	ctgggactgg	atgtgccatc	tctgtgcttg	600
gcagaactgg	tgaagacctt	ttgcagcagc	ttcaaactgt	tccaagcttc	accttctgtg	660
ccagccaaat	acgtagaaga	caaagagaag	atgctgtctc	gaacaatgca	gttgggtggag	720
ctggcaaatg	agacgtggct	ggtgaccggg	aggcatccct	tgcccgtcat	caactgctgcg	780
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ctggctgtgc	tgctgcggat	ggctgagcag	ctggcctggg	tacgagttct	gagacttgac	960
aaacgggtctg	tgggtgaagca	catcgggtgac	cttctccagc	accgccagtc	actggtccgc	1020
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ggacaggggc	aaggagaagg	ggaggtggga	aataattcct	taggtttacc	ccaggggaag	1140
cggccggcca	gtcctgccct	tctcttgcca	ccctgcattg	tgaagtcccc	gaagcggatc	1200
tgccctgtac	cccctgtctc	caactgtcact	ggagatgaga	acatttctga	tagtgaaata	1260
gaacagtatt	tgctgacccc	tcaggaagtt	agggactttc	agagagccca	ggctgctaga	1320
caggctgcca	cgagtgtccc	taaccctccc	tgatggatat	ccactgggag	caacttcatcc	1380
tgttctgaca	gcttgataac	attcctgtta	taaccaagga	tggaagtgtg	caccagtccg	1440
taggtattgc	ttttcttgtt	tgaagggaacc	aagaggggct	ctgccattag	ttggaccctg	1500
ggtcctggag	taaagtccag	agtgcaggga	tgactatagg	taggagagat	tcccatccct	1560
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ctaaggcagt	agctcaaagg	gctttgcaaa	attttaatat	attaaaacaa	gaggcatctg	1920
ctagaaaaca	ttctatttga	taaaaccoga	gttcttaaaa	acatgttttc	tttggcactt	1980
tcattccctc	cctccccttt	cccagcata	ttgcaaaaag	ctctccagtg	ctaaggcatt	2040
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cttctaatat	gtctgtgcag	caagcataaa	taacaggacc	cattccaagg	agtgtgtgtg	2160
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taccactcct	gtgggaatgg	tggcatttgt	cctagtgtgt	ccccggttcc	caactccctc	2880
cccaggact	ggttgatgtc	tagagctgcc	tttcaogtgg	ccccaccctc	ccctcttgca	2940
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gctctcgtgc	cagccaaact	cgggaggaaa	agggacctag	gatctaggca	ggggctgggc	3060
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tgtgggcttc	ctccagccat	cggctcctct	gcctccaacc	tgctgactac	ggagacacct	3420
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<210> 8155
 <211> 1973
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1774)...(956)
 <223> similar to gi285993 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8155

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tacatacaaa	ccttggccca	gccc aaagga	gcagtcaagg	gcctggaaga	aagatggttt	180
gctctttccc	cctcctcctc	tctctttcct	accgggctta	aagtccgtgg	aagagaaagt	240
ttttaatcag	tggaaactgat	aaggcctcag	ggccgtggag	ggtagatttg	gttggttcagt	300
aatataaaat	gtgtttaaga	aaaaaaacag	cccaggcttc	ccagcagtag	cccatgtgtt	360
ggctggttca	gcagcctgac	ctctacatct	agacaaggaa	gtgaggaggg	tgattgctgg	420
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tcttctcttt	cagtccaagc	tctagcttgt	cagcaagact	gttgacagaag	atctatcctt	840
aagaggcaga	aacatctgag	gtgaggaagg	cagctattga	aggtattcca	ggagcatgag	900
actgagtttg	cagagctgag	ggttgtcaat	ttccttttct	actgatatct	tcttccttta	960
gagcaaaact	cctccttagg	acctcagaga	taagcacagc	agggctcttc	tccttcaata	1020
aactccgggt	cagatcttga	ctctgtttca	ttcgggtgaa	gtccttcagg	atacccatca	1080
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aggcagcttt	gtgttctggg	ttgcaacatt	cagggctggc	agaacaaagc	agggggactg	1200
atggaagctc	agggacctcc	acctctgtct	cctcgggtgat	gtcactaatg	acaaaggaag	1260
ttgtagagtg	gaatgaggat	ccaaaacaag	gtaagggaga	agagacattt	gaacttcctg	1320
gagataagaa	atctggcggt	aatgaagccg	aagctgcatt	agctgccact	atctttgcaa	1380
tctggctgag	caagtggctc	agctcgtcct	gcagctcagt	agtgcggctt	agggctggca	1440
gagctggctt	cttcaggggc	agaagcctct	cctcggaccc	acgcagggtt	ggaacagagg	1500
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gggaggcggt	actccttcat	atcaggccat	ctcaagctcg	ggctcccgga	ctctctcacc	1920
tcacggcccc	tccttcacac	ttggggccgc	cagcctcgtg	ccaagcttgg	cgt	1973

<210> 8156
 <211> 1465
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (34)...(704)

<223> similar to gi34834 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8156

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ttcgaaccac	caggctacga	gcggacggag	ctcaccctga	gccccgaggc	cccagggccc	180
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gctgacccta	cagatgcca	caacctgcac	tccctcacct	ccatcgtgga	cagcatcaca	660
gtggaagatg	tgtctgtggc	cttcccagat	gaaaccatgc	ccaactgaga	ttgtcttcca	720
agccgggcat	ccttgcgagc	cccccaagct	ggccacagat	gccactactt	ctgtagcagg	780
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gacctggaca	agctgtgcac	gtctcctgtt	ctggtctctt	cccgatgcca	gtggctgggc	1140
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ttttgtttcg	tgtgtttgtt	gtaaagctgc	catccgacca	aggtctcctg	tgctgaagtt	1320
gccggggaca	ggcagggaaa	aggggttggg	gcctcttggg	ggtgatttct	tttgtaaca	1380
aagcatcgtg	tggttttgcc	attgatttgt	atTTTTTTTT	TTTTTTTTtg	ggcaaactaa	1440
ttggaatccc	tttttaaaaa	aaaaa				1465

<210> 8157

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (185)...(1493)

<223> similar to gi34192 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8157

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gcctcctggg	ttcaagcgat	tctcccgcct	cagcctcccg	agtagccggg	attatagaac	180
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agttgtcaaa	caaggactgg	aggtcaaaga	agctccttcc	agtaacagtg	gaaacagagc	660
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atgccattac	tgtggggaac	gttttgattc	ccgtagtaac	ctaaggcaac	atctccatac	960
acatgtgtct	ggatccctgc	cattcggtgt	ccctgcttcc	attctggaaa	gtaatgacct	1020
tgggtgaagt	catcccctta	atgaaaacag	cgaggccctt	gaatgccgca	ggctcagctc	1080
cttcattgtt	aaggagaatg	aacagcagcc	agaccacacc	aaccggggta	ccacagagcc	1140
tttgagatc	agtcaagtat	ctttgatctc	caaagacaca	gagccagtag	aattaaactg	1200
taatttttct	ttttcaagga	aaagaaaaat	gagctgtacc	atctgtggtc	ataaattccc	1260
tcgaaagagc	caattgttgg	aacacatgta	tacacacaaa	ggtaaatctt	acagatataa	1320
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ctttcagaat	ttttatacca	attctgaaaa	agaaaaatttg	cgtggcattt	ttaattcata	1560
aattattttc	ctcctcaagt	ttcattgact	ttttttcttc	acagcttatc	catggtttta	1620
aggttgatata	tattagatct	tctcataaga	catattaata	tgtggctatt	aaaatgtaac	1680
attcaattac	tactgtgaac	ttttcacaaa	cgaaataaca	atttagaaat	cagaaatcaa	1740
tgtagaaata	tggaaacctt	aaatagttat	ttatagaatt	ctaagttttt	ccagttatag	1800
aatcagtaaa	at					1812

<210> 8158

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(178)

<223> similar to gi37238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8158

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aacctgaaaa	gtaggaaacg	gggcgatgac	gccaatcgca	attaccgctc	ccacttgtga	180
gccccagcgc	ggctctgccc	tgggtgcgctt	cacacagcac	caagcagcaa	caagaacagc	240
agaaggggaa	ctgccaagga	gacctgatgt	tagatcaaag	ccagagagga	gcctatggaa	300
tgtggatcaa	atgccagttg	tgacgaaatg	aggaatgtat	atgttggtctg	tttttcccca	360

acatctcaat aaaactttga aagcagaaaa aaaataaaaa aaaaa

405

<210> 8159

<211> 1976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1768)...(1244)

<223> similar to gi5360109 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8159

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tctttgaaat	cagtgatctg	ttattttaact	ctaaagcatt	tgacacttct	tgcttaaca	180
gttttaaaaa	ccacacacaa	aaaaactctg	taagtaatac	agtaggcaa	aagtttcatc	240
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aaatatacta	tttaaatcta	atttttacat	ttcaaaaatt	atcttcagta	gtaactaagt	360
atattttctg	tggattctga	gaatgttatt	tttcagaatg	tgagaataca	tatgtacatt	420
tataatcttg	tgactttaaa	gtctgttttc	agatacagta	tgtaaatact	tgtaaaaaaa	480
tttgataaat	tttgatgata	tgtagtttcc	caaaaaaatt	atttagaagg	cattatgtta	540
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ccctaagctg	cagtaccatg	actaaccatg	atgtcaattt	catatgctga	tcctcacaac	960
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atcctggggg	gctgggggaca	ccatccagcg	tcactataaaa	cttggggactt	gcaggtttat	1920
ctggttgtac	aagatctcgt	gtctgcataa	ggtgtcctga	aagtaccoga	aggga	1976

<210> 8160
 <211> 3629
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (97)...(3030)
 <223> similar to gi3300094 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

00480735-043400

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ctgctgacgc tgctgctgcc cggcctcggg atttttggaa gtaccagcac agtgacgctt     180
cctgaaacct tgttgtttgt gtcaacgctg gatggaagtt tgcattgctgt cagcaagagg     240
acaggctcaa tcaaatggac tttaaaagaa gatccagtcc tgcagggtccc aacacatgtg     300
gaagagcctg cttttctccc agatcctaata gatggcagcc tgtatacgct tgggaagcaag     360
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<210> 8161

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(752)

<223> similar to gi5817244 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8161

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gaggcgatgc	acatgatact	atgctatgca	cagtgttttc	atgtgggcca	tgttataagc	180
cccacagaag	ccctatcagc	catgagtggg	agcttcctga	ggccctcact	ggaagcagat	240
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cgaaagtctg	gaaaaaggaa	tgtcagcaga	tcttgaacat	gttctgatga	aagaaccaag	780
tgacccaaag	tgacctggac	aagattcata	gactgaaagc	tgttgacatc	gttgaatcat	840
atgtttatat	attgttttta	atctgcagga	aaatggggtc	tctcatcatt	tgctctgtaa	900
gggaacaaaa	tagcactttt					920

<210> 8162
 <211> 860
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (743)...(369)
 <223> similar to gi3876766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8162
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<210> 8163
 <211> 4670
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (23)...(1054)
 <223> similar to gi4589544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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catgcttcc	agaatctact	tgtccaagtt	ctcctctccc	tgggataagt	tactgcagaa	3480
actggggatt	tagaagctta	ttcagggctg	agtgccaaaa	gcttggggga	ggagggacag	3540

```

gtcctcggca ataaacagtg tcacacacgc atcacagcca tttgagaaat ggcttctttg 3600
cagagctggg gaagccgggc agaagatgcc gcagcctcct actctgggtc ctgagggggg 3660
gtggcaggta ccacagtgtg ggcagcaggg tcagggccca agtctatgcg tttcatctcc 3720
aatccaggca gtgaggaatc ctgaaacacc aggagaggcg tcagaagtag gaagggcagg 3780
ggaacaggaa tgcaagatta aggaaaccgc agctgagcag gtgtcacaag ctgtaaagga 3840
ggaagggagt ctgcaggccc ttcacathtt tggcctgggt ggggctgggc ccaggaaggg 3900
gtgggctgga ttttgtaaag ctggaggcag ccaggaatct gactgtccgg aatgtgagtt 3960
gaggggtctc ccactgaagt cctcttctgg aagctgcaga tgggggcccg ggaggcacac 4020
acgagtctgg gactcattcc cgggcacacc tatggctcct tcgggtatcac ctggggaagc 4080
cccgaatct tagttcttcc attccctact ctccctccg agggagtcag gatgggacag 4140
acacccatht tccaaaaggc tccttgccct cttccctggc ccacctgaag ccaagtccca 4200
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ggctggagggt tgggggcagg atctggcccg agctctcctc agacctcccc agacctgtct 4380
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cagggaccca ggccagctgc cacacccccg acactcctgc tgtccactgg ccttagctcc 4560
tgcaagttec ccagtgtccg cacctgttcc ctccctgac ctacacttcc tgggggtctgt 4620
gactgactgg agataaaaaat aaaagcaatt gtgacacctg aaaaaaaaaa 4670

```

```

<210> 8164
<211> 2624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (340)...(1443)
<223> similar to gi3036840 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8164
cgctctctcc aaagtctagc cgggcagggg aacgcgggtgc attcctgacc ggcacctggc 60
gaggctcatg cgtcccgtga gggcggttcc tcgagcctgg gggcgctcag attgcttttg 120
agacgctgag agaacccttg cgagagcgcc ggttgacgtg cggagtgcgg ggctccgggg 180
gactgagcag cacgagaccc catcctcccc tccgggtttt cacactgggc gaagggagga 240
ctcctgagct ctgcctcttc cagtaacatt gaggattact gtgttttgtg agagctcgct 300
aggcgcccta agcaacagag ttctgagaaa tcgagaaaca tgataaggaa ttggctgact 360
athttttatcc tttttccctt gaagctcgta gagaaatgtg agtcaagcgt cagcctcact 420
gttctctctg tcgtaaagct ggagaacggc agctcgacca acgtcagcct caccctgcgg 480
ccaccattaa atgcaaccct ggtgatcact tttgaaatca catttcgttc caaaaatatt 540
actatccttg agctccccga tgaagttgtg gtgcctcctg gagtgacaaa ctctcttttt 600
caagtgcacat ctcaaatgtg tggacaactt actgtttatc tacatggaaa tcaactccaat 660
cagaccggcc cgaggatacg ctttcttgtg atccgcagca gcgccattag catcataaac 720
caggtgattg gctggatcta ctttgtggcc tgggtccatct ctttctaccc tcaggtgatc 780
atgaattgga ggcggaaaaag tgtcattggg ctgagcttcg acttcgtggc tctgaacctg 840
acgggcttcg tggcctacag tgtattcaac atcggcctcc tctgggtgcc ctacatcaag 900
gagcagtttc tcttcaaata ccccaacgga gtgaaccccg tgaacagcaa cgacgtcttc 960
ttcagcctgc acgcggttgt cctcacgctg atcatcatcg tgcagtgtcg cctgtatgag 1020
cgcggtggcc agcgcggtgtc ctggcctgcc atcggcctcc tgggtgctcg gtggctcttc 1080

```

```
gcatttgtca ccatgatcgt ggctgcagtg ggagtgatca cgtggctgca gtttctcttc 1140
tgcttctcct acatcaagct cgcagtcacg ctgggtcaagt attttccaca ggctacatg 1200
aacttttact acaaaagcac tgagggctgg agcattggca acgtgctcct ggacttcacc 1260
ggggggcagct tcagcctcct gcagatgttc ctccagtcct acaacaacga ccagtggacg 1320
ctgatcttcg gagaccaaac caagtttgga ctcggggtct tctccatcgt cttcgacgtc 1380
gtcttcttca tccagcactt ctgtttgtac agaaagagac cgggggtatga ccagctgaac 1440
tagcaccagc ggaccagtg taccagcct ctggcctcgt gccctgctgg ggaaggcctc 1500
accagcgaa ggccggagaa gcggttgggc cctggcacac agggctggct cagtgtgcgg 1560
acagaggaga ccactctgct cctggggcca gagggcattc aatagcctgc cttcgtccgg 1620
gcccctcctg ggccctcccc gccaggcacg tggcaccgtc gccttgacac cgccatctct 1680
tttctttaag gcttcaggca gcgcgcacag gctctggcag ccgtctcagg caggactggg 1740
cagcaagctt gcagccgaag gccttgcccc aaactaccag cgtttctgca agcagcttga 1800
agggtgacc ttgcagccgg gtgagccaag ggcactttgc tgccaccgct gcattcccag 1860
agatcaagca gcccggtgcc gtggccagtg aactcagagg tgctgggtgga cgggctagga 1920
ctttgggggtt aggccatggg gctctttctc tgaaggccac tttcctgacg tactctctgt 1980
acataactca gcgtccgtga ctgcagtaac agccagccct acccagagta tttctgagcc 2040
atgagggggcc caccagattg gttctgaatt ggattcatgc ccagcgcatt agcatagtaa 2100
ctcctttcag attttttgga gggacgtttg gaagtggctt actctcttct gccctctctc 2160
ctacctccac cttctcagat gagccccatc tgagcacatc cagctgctcc ttaccagca 2220
tctggagtac aggacatagc tctctcctgc taccagtctg tgcccttagag gtctgttagg 2280
cctgccaaac ggcgaccagc tcccctggag cgagggcagg ccccttccct ctctttcccc 2340
agacacctac ttgagactca ccaattttctg gcctgttcag gagcctcaga taagtatttg 2400
tacttgagac cacctcacac aatctgtatg gggcccaacc ctgatctcaa acctccttcc 2460
ctctgcctga agctgtcgtc ctctctatgg caggaggggg ggggggggtcc caggacgtgc 2520
cctcatacat gacttgagct tggcagtcct ctgagtttcc ttttatgaga tcaacgcgag 2580
gggcctgggt tttgaattaa agccccctcg cttcaaaaaa aaaa 2624
```

```
<210> 8165
<211> 1544
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1545)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (301)...(1296)
<223> similar to gi3256005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 8165
cacgcgtccg tttaatatga catggaatac agaaaacaac aaaaaactta agctttaatt 60
tcatctggaa ttccacagag acaaggccac tttatgtttc ccaggctgga ctggaacccc 120
tgggctcaaa tgatcctcct acctaagcct gcagagtagc gaggacttca gttttcttag 180
ctccctggac ccggttgacc tgttggctct tcccgcctggc tgctctatca cgtgggtgctc 240
tccgactact caccgcgagt gtaaagaacc ttcggctcgc gtgcttctga gctgctgtgg 300
atggcctcgg ctctctggac tgtccttccg agtaggatgt cactgagatc cctcaaatgg 360
```

```

agcctcctgc tgctgtcact cctgagtttc tttgtgatgt ggtacctcag ccttccccac 420
tacaatgtga tagaacgcgt gaactggatg tacttctatg agtatgagcc gatttacaga 480
caagactttc acttcacact tcgagagcat tcaaactgct ctcatcaaaa tccatttctg 540
gtcatttctgg tgacctccca cccttcagat gtgaaagcca ggcaggccat tagagttact 600
tggggtgaaa aaaagtcttg gtggggatat gaggttctta catttttctt attaggccaa 660
gaggctgaaa aggaagacaa aatgttggca ttgtccttag aggatgaaca ccttctttat 720
ggtgacataa tccgacaaga ttttttagac acatataata acctgacctt gaaaaccatt 780
atggcattca ggtgggtaac tgagttttgc cccaatgcca agtacgtaat gaagacagac 840
actgatgttt tcatcaatac tggcaattta gtgaagtatc ttttaaacct aaaccactca 900
gagaagtttt tcacaggtta tcctctaatt gataattatt cctatagagg attttaccaa 960
aaaaccata tttcttacca ggagtatcct ttcaagggtg tccctccata ctgcagtggg 1020
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aaacccatca agtttgaaga tgtttatgtc gggatctgtt tgaatttatt aaaagtgaac 1140
attcatattc cagaagacac aaatcttttc tttctatata gaatccattt ggatgtctgt 1200
caactgagac gtgtgattgc agcccatggc ttttcttcca aggagatcat cactttttgg 1260
caggtcatgc taaggaacac cacatgccat tattaacttc acattctaca aaaagcctag 1320
aaggacagga tactttgtgg aaagtgttaa ataaagtagg tactgtggaa aattcatggg 1380
gaggtcagtg tgctggctta cactgaactg aaactcatga aaaaccaga ctggagactg 1440
gagggttaca cttgtgattt attagtcagg cccttcaaag atgatatgtg gaggaattaa 1500
atataaagga attggaggtt tttgctaaag aaattntata gggg 1544

```

```

<210> 8166
<211> 7086
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (484)...(7087)
<223> similar to gi4128033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8166
tttcgtgtga gtggggccgg gacccgcaga gccgagccga cccttctctc ccgggctgcg 60
gcagggcagg gcggggagct ccgcgcacca acagagccgg ttctcagggc gctttgctcc 120
ttgttttttc ccggttctg ttttctcccc ttctccggaa ggcttgtcaa ggggtaggag 180
aaagagacgc aaacacaaaa gtggaaaaca gttaatgacc agccacggcg tccctgctgt 240
gagctctggc cgctgccttc cagggctccc gagccacacg ctgggggtgc tggctgaggg 300
aacatggctt gttggcctca gctgaggttg ctgctgtgga agaacctcac tttcagaaga 360
agacaaacat gtcagctgct gctggaagtg gcctggcctc tatttatctt cctgatcctg 420
atctctgttc ggctgagcta cccacctat gaacaacatg aatgccattt tccaaataaa 480
gccatgccct ctgcaggaa acttcccttg gttcagggga ttatctgtaa tgccaacaac 540
ccctgtttcc gttacccgac tcctggggag gctcccgag ttgttgga aa ctttaacaaa 600
tccattgtgg ctgcctgtt ctcatatgct cggaggcttc tttatacag ccagaaagac 660
accagcatga aggacatgcg caaagtctct agaacattac agcagatcaa gaaatccagc 720
tcaaacttga agcttcaaga tttcctgggt gacaatgaaa ccttctctgg gttcctgtat 780
cacaacctct ctctccaaa gtctactgtg gacaagatgc tgagggtgta tgtcattctc 840
cacaaggtat ttttgcaagg ctaccagtta catttgacaa gtctgtgcaa tggatcaaaa 900
tcagaagaga tgattcaact tggtgaccaa gaagtttctg agctttgtgg cctaccaagg 960
gagaaactgg ctgcagcaga gcgagtactt cgttccaaca tggacatcct gaagccaatc 1020

```

ctgagaacac	taaactctac	atctcccttc	ccgagcaagg	agctggccga	agccacaaaa	1080
acattgctgc	atagtcttgg	gactctggcc	caggagctgt	tcagcatgag	aagctggagt	1140
gacatgcgac	aggaggtgat	gtttctgacc	aatgtgaaca	gctccagctc	ctccacccaa	1200
atctaccagg	ctgtgtctcg	tattgtctgc	gggcatcccg	agggaggggg	gctgaagatc	1260
aagtctctca	actggtatga	ggacaacaac	tacaaagccc	tctttggagg	caatggcact	1320
gaggaagatg	ctgaaacctt	ctatgacaac	tctacaactc	cttactgcaa	tgatttgatg	1380
aagaatttgg	agtctagtcc	tctttcccg	attatctgga	aagctctgaa	gccgctgctc	1440
gttggaaga	tctgtatac	acctgacact	ccagccacaa	ggcaggtcat	ggctgagggtg	1500
aacaagacct	tccaggaact	ggctgtgttc	catgatctgg	aaggcatgtg	ggaggaactc	1560
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cagagcagtt	ctgatgctgg	cctgggcagc	gaccatgaga	gtgacacgct	gaccatcgat	3840
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ccagaatcca	gagagacaga	cttgctcagt	gggatggatg	gcaaagggtc	ctaccagggtg	4260
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cagagaattc	ttgatgggtg	aggccagaat	gacatcttag	aaatcaagga	gttgacgaag	6060
atatatagaa	ggaagcggaa	gcctgctgtt	gacaggtttt	gcgtgggcat	tcctcctggt	6120
gagtgccttg	ggctcctggg	agttaatggg	gctggaaaat	catcaacttt	caagatgtta	6180
acaggagata	ccactgttac	cagaggagat	gctttcctta	acagaaatag	tatcttatca	6240
aacatccatg	aagtacatca	gaacatgggc	tactgccctc	agtttgatgc	catcacagag	6300
ctgttgactg	ggagagaaca	cgtggagtgc	tttgcccttt	tgagaggagt	cccagagaaa	6360
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cggcggttct	tgtggaattg	tgccctaagt	gttgtcaagg	aggggagatc	agtagtgctt	6600
acatctcata	gtatggaaga	atgtgaagct	ctttgcacta	ggatggcaat	catgggtcaat	6660
ggaaggttca	ggtgccttgg	cagtgtccag	catctaaaaa	atagggtttg	agatgggttat	6720
acaatagtgt	tacgaatagc	aggggtccaa	cgggacctga	agcctgtcca	ggatttcttt	6780
ggacttgcat	ttcctggaag	tgttccaaaa	gagaaacacc	ggaacatgct	acaataccag	6840
cttccactct	cattatcttc	tctggccagg	atattcagca	tcctctccca	gagcaaaaag	6900
cgactccaca	tagaagacta	ctctgtttct	cagacaacac	ttgaccaagt	atgtgtgaac	6960
tttgccaagg	accaaagtga	tgatgaccac	ttaaaagacc	tctcattaca	caaaaaccag	7020
acagtagtgg	acgttgtagt	tctcacatct	tttctacagg	atgagaaagt	gaaagaaagc	7080
tatgta						7086

<210> 8167
 <211> 1883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (396)...(1718)
 <223> similar to gi431321 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8167

tttcgtctca	cgctgtgaat	cccagcgctt	tgggaggctg	aggctgacag	atcatctgag	60
gtcaggagtt	caagaccagc	ctggccaaca	tgctgaaaac	ctgtctctac	taaaaatgca	120
aaatttagcc	aggcgtggtg	gtgggtgcct	gtaatctcag	ctactccgga	ggctgagaca	180
ggagaatggc	ctggacccag	gaggcggaag	ttgcagtaag	ccgagatcgt	gtcacttcac	240
tccagcctgg	acaacagagt	gagactctgt	ctcgaaaaaa	aaaaaggaca	aatgctgta	300
ggattccact	gatatgacgt	acctggagtc	agcagagcca	cagagacaga	tggtaaaatg	360
cccgcagggc	cccggacccc	ggcttccagg	agcgcttctt	ccagcagcgt	ctggaccact	420
tcaacttcga	gcgcttcggc	aacaagacct	tccctcagcg	cttcctgggtg	tcggacaggt	480
tctgggtccg	gggcgagggg	cccatcttct	tctacactgg	gaacgagggc	gacgtgtggg	540
ccttcgcca	caactcgggc	ttcgctcgcg	agctggcggc	cgagcggggg	gctctactgg	600
tcttcgcgga	gcaccgctac	tacgggaagt	cgctgccgtt	cggtgcgcag	tccacgcagc	660
gcgggcacac	ggagctgctg	acggtggagc	aggccctggc	cgacttcgca	gagctgctcc	720
gcgcgctacg	acgcgacctc	ggggcccagg	atgccccgcg	catcgcttcc	ggtggaagtt	780
atggggggat	gctcagtgcc	tacctgagga	tgaagtatcc	ccacctgggtg	gcggggggcg	840
tggcgccag	cgcgcccgtt	ctagctgtgg	caggcctcgg	cgactccaac	cagttcttcc	900
gggacgtcac	ggcggaactt	gagggccaga	gtcccaaata	caccaggggt	gtgcgggaag	960
cgttccgaca	gatcaaggac	ttgttccctac	agggagccta	cgacacgggtc	cgctgggagt	1020
tcggcacctg	ccagccgctg	tcagacgaga	aggacctgac	ccagctcttc	atgttcgccc	1080
ggaatgcctt	caccgtgctg	gccatgatgg	actaccctta	ccccactgac	ttcctgggtc	1140
ccctccctgc	caaccccgtc	aagggtgggt	gtgatcggct	gctgagtggg	gcccagagga	1200
tcacggggct	gcgagcactg	gcagggctgg	tctacaacgc	ctcgggctcc	gagcactgct	1260
acgacatcta	ccggtctctac	cacagctgtg	ctgacccccac	tggctgcggc	accggccccg	1320
acgccagggc	ctgggactac	caggcctgca	ccgagatcaa	cctgaccttc	gccagcaaca	1380
atgtgaccga	tatgttcccc	gacctgccct	tactgacga	gctccgccag	cggtactgcc	1440
tggacacctg	gggcgtgtgg	ccccggcccc	actggctgct	gaccagcttc	tgggggggtg	1500
atcttagagc	cgccagcaac	atcatcttct	ccaacgggaa	cctggacccc	tgggcagggg	1560
gcgggattcg	gaggaacctg	agtgcctcag	tcatcgccgt	caccatccag	gggggagcgc	1620
accacctcga	cctcagagcc	tcccacccag	aagatcctgc	ttccgtgggt	gaggcgcgga	1680
agctggaggc	caccatcatc	ggcgagtggg	taaaggcagc	caggcgtgag	cagcagccag	1740
ctctgcgtgg	ggggcccaga	ctcagcctct	gagcacagga	ctggaggggt	ctcaaggctc	1800
ctcatggagt	gggggcttca	ctcaagcagc	tggcggcaga	gggaaggggc	tgaataaacg	1860
cctggaggcc	tggaaaaaaa	aaa				1883

<210> 8168
 <211> 1144
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(653)
 <223> similar to gi35863 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8168
agctgaggaa ggggaagaga agtccagccg ccaagtccag ccttccccgg cgcgagccc    60
cgacggggcc gcggcaggcg cggcgagagc gctgacggag ccatgagaga gtacaaagtg    120
gtggtgctgg gctcggggcg cgtgggcaag tccgcgctca ccgtgcagtt cgtgacgggc    180
tccttcatcg agaagtacga cccgaccatc gaagactttt accgcaagga gattgaggtg    240
gactcgtcgc cgtcgggtgct ggagatcctg gatacggcgg gcaccgagca gttcgcgtcc    300
atgcgggacc tgtacatcaa gaacggccag ggcttcatcc tggcttacag cctcgtcaac    360
cagcagagct tccaggacat caagcccatg cgggaccaga tcatccgcgt gaagcggtac    420
gagcgcgtgc ccatgatcct ggtgggcaac aaggtggacc tggaggggtg gcgcgaggtc    480
tcgtacgggg agggcaaggc cctggctgag gagtggagct gcccttcat ggagacgtcg    540
gccaaaaaca aagcctcggg agacgagcta tttgccgaga tcgtgcggca gatgaactac    600
gcggcgcgag ccaacggcga tgagggctgc tgctcggcct gcgtgaccc ctgaggcggc    660
caccgcgcgc cgcccgcgct ctgcgcacaa aagccaaacg catccgactc tctaaatgtg    720
atattatttct tgctttgaga ttggagacca ctttgcattg gccaggggtgt cttgggagcc    780
cggctggcct ccgcggccgg cgtcccctgc ctccaccctg tgcccagagg ggtgtccggt    840
cctgcccatt cgataactct gtgaaaatgt ggctctttgc agcatgtacg tttctccctg    900
atatttggttg atgcataatt ccccgtttaa gtagccgta gggcgagta tcggcagctt    960
gacacccacc aagcaaaaagt ttcagcctgg aaaaaaatg ggggggaagg gtggatgaaa   1020
aggaggggaga gaaggtggaa atggtttttt tttttctttt ttcccattcc cttccttttg   1080
ttttttttct ttttggttca tcccgcgttt ttttgcgccc cagtcttgaa accgtgtggg   1140
gggc                                         1144

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<210> 8169
<211> 790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (525)...(104)
<223> similar to gi2494140 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8169
tttttgattt ccatgctatt taatcaagta atttacaatg tacacattcc tgagtataca    60
ccattgtggg gatataattt attttggaat tttctccatt cagcttaaaa ggtgttttctt    120
cccaagaaac tgaacttttc tgtcaaatgc acttgatcga ataggagaat tgggtttcata    180
aaatggattc attgaaaatt ttatatataa atcataaaca tcagtaaaga agttctttat    240
tccatcttct tgtcttatgt catgaagcat aataaacctc atatgccccg cggtgacaaa    300
tgctgacaca aaccactcgt tgaacttgct cacagttttc aagtacatgt tgttcgacag    360
ccacatgttc tcatctacga ggtcgagagc agcatgagct atgaactggg tcagatgacg    420
atggctcgtc ttggattctg ccttcccagc tggcaaaaac tccatttcaa aaactggatt    480
atcatggtga ccaacaatta caaagtagaa gttccagac atggtcttca atatatggct    540
cctcgggttc ttcggcgggg actccgcaag tccagccagg gaagagaggg gcgggggcga    600
caaaggcaag acaaggacac cgccgtcccc agtccttgct agctgagctt ctgccactgt    660
cagttgtgcc tgtgtcacta ccgcctctgc gtacaaggaa ccaagccgct tctcgcgctt    720
ttccgctccg tcacttcggt gacgtcatag agcgccaaag gccggaacta gtgaaaaacac    780
cagagaaaat                                     790

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<210> 8170
 <211> 1783
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1705)...(270)
 <223> similar to gi5114351 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8170

tccctggtgt	gtaggtatgg	atttagaaat	cgggtccactc	agaacgcagg	ggctttcaaa	60
agtttctct	aggaagcatc	tgctcagtata	ccctcttaat	gtttgacagt	tctaatacaca	120
attatattta	gaatttgaga	aacccccctg	tgtgtctaata	ggctgccagc	gtgatgccag	180
agaaccctgg	caggtggcct	gcagtaagca	gaaggcccac	accttctgca	gagccaggag	240
cagtgcccgga	gtcccccggt	ctgtgtctat	cctttcaccc	acatggtcac	tgtggagatg	300
accatctgac	cagacttcgg	agcccccagg	cagaagaaaag	gctgcagggg	gcctgggaag	360
gtggcctggg	agtaggtgtg	caggtgggac	ccatcgctta	caactgtagaa	ggacacttcc	420
ccggcttcga	agtccaggaa	gatgcccattg	tggctgggag	gctccatcag	catgaccggg	480
gttagggcag	agaaggtgga	taagtacttg	gtcccccttg	acagctgcac	caccagaaag	540
ccgttttcgg	ggcacttggg	gaccctgtct	ttccggctca	cgttgtccct	gcacacaccc	600
agggccca	acgcgtcccc	ggtgatgttc	atgccacact	cccagtagtg	cctcccagag	660
gagaaggccg	tctggcccac	agcacagggg	taagccacaa	atcggtcctt	gctgcagaac	720
ccactgccct	ccggcgaaga	gccgaggtag	cgctctggc	ggctctcata	caggaggagg	780
taggggtacg	cggaggtggc	atcaggcacc	acatcctcta	gaaagcctct	tagcacttca	840
atctgtccgg	gaactctgca	cacagtcctg	ggtctgggtg	ggggggcaac	ctctgggcac	900
tgcacactca	cgttgttctt	cctgctcagg	ggttccttca	tgtcctgcag	catctggagg	960
ggccccctgtg	tgtctccgctc	ctccagctgc	agcagcagca	gctccagaga	gtgaccctgc	1020
cggtcaggc	aggccacgct	ctcccggagc	ctgctggcag	tctcctcttc	ttccgtctcc	1080
agagcctgga	ggagcctctg	ctcttcttcc	accaggtaga	ggttcatctt	ctcaaaactcc	1140
agcacaatgc	gttctctccg	ctccttcacc	ttgccctgcc	actcggtctaa	gctctgctcc	1200
tccctggcct	gcagattccc	tgtcctgggtg	atctgctccc	gaaggtaactc	catgtcctcc	1260
tccagcttca	acttgtaccc	ctgcactgcc	tcctcggcgg	gcagcaccct	gtgcagccgg	1320
tgtctccggg	actccctgca	caccacacag	atggggctct	ggtccttctg	gcagaaaagc	1380
ttgaggggct	cgtgggtgctc	ctggcacagg	tcttgcttct	gcagaccagg	atgctgctgc	1440
gccatctcgg	ccaccttggg	cagcagccgg	ttgggcagca	ggttcctctg	cggggacatc	1500
tctctgcact	cggggcaggg	gaaggagccc	ttccgcttcc	gcctcccctt	cttgcccctc	1560
gccttttccc	agctcagctg	gatgcaggct	cggcagaagt	tgtggccaca	ggtgggtcatc	1620
acaggggtctg	tgaagtaatc	cagacagatg	gagcacgtag	cttcctcctg	cagttttctg	1680
gcgagttcca	cagcctccat	ggctcctggg	agacacgagg	caggttccccg	cttgagggac	1740
tcttgttgaa	gcgcgctagc	ccctccaggg	acgcggcacg	aaa		1783

<210> 8171
 <211> 1331

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (347)...(472)
 <223> similar to gi1296429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8171

tttcgtgcc	gggagccgca	ggcaagggac	taaggggagg	ggggctcagt	gccagctgct	60
taaaaatgcc	cctgtggcag	cgagggggcac	cagaggctgg	gtctaattag	ttgagaagca	120
gtgacacccc	caaccactcc	ccaaacaggc	tggtccccgt	ctccaggccc	caaggagcca	180
cacctggacc	agaccccagg	aaaggcaagg	gcgctagctg	gtgggagcca	ccccgccatg	240
ctgatgtcag	agaagcaaga	actctggaga	agcagcctcc	tgggaccaga	ggaggggccag	300
cagcaggcag	cccgagagca	gaactctcac	ccacgcctct	ccaagcctcc	caacagaaga	360
cagagggtccc	ccacagccag	agacatttcc	tgaagacatg	gggaacacag	aggcagaaac	420
agcccatcca	cccaggagct	gtccccccaca	ctgccggggag	ccggcaccca	gagccgccag	480
gtaaaactga	ggccacctgg	ttcaacatca	cctttcacag	aaggggaagc	agccacagaa	540
agaagggcct	cgtaagaag	tggaacctgg	gaccccccaag	cggtgtctct	catcctgact	600
ggggatccag	agtaggaggg	agcctttggt	ggggtaagtg	gaatggggcg	gggtgggggg	660
tggccataga	ccctcttct	cagtaaggcc	ctcatgtgaa	ggaggcaggg	gttgggacaa	720
gtgctaagta	tgcaagactc	aagggaagag	ctgctggagc	caggaaaagc	acctccctcc	780
cggccccctct	gccccctctc	atagcccagc	tgcactgact	cctcctccag	gaagccttct	840
cagcttcccc	aggggtggga	acctttttgt	cctccaggtg	tgcttggctg	tcctttcttg	900
ggctctctct	ctctctctct	cctcatocca	cttgagtctg	ccccctattc	accttgtgag	960
gggaattttc	cttctactca	atctgaccga	ggtcctccag	gtcaaggaca	gcgaggctct	1020
cagtcccact	tccccttggc	acatagaaga	ggcagtgcgc	tgaagggaca	ggtgaaatga	1080
ttagaccctg	cccccaaacc	aaggcctggc	caattggaca	gggcatgaga	cattcagcgt	1140
agagggttaa	acgagggccc	tgggttagga	accccagctc	agttctcagc	tctgtaccct	1200
tggaaaattc	ccttcccatg	gagctttgtg	gatgcacaag	gacttgcaca	aagaaaacat	1260
tcaatatcca	ggactataaa	attccacaaa	tgattgtgct	tattacattc	attatcacga	1320
tgattattcc	a					1331

<210> 8172
 <211> 1612
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (145)...(1124)
 <223> similar to gi4836936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8172

gatttcgtgg	gcagctgttc	ccactggctc	tgctgacctt	gtgccttgga	cggctgtcct	60
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cagcgagggg ccgtgcaccc gctcctgagc agcgccatgg gcctgctggc cttcctgaag 120
accagttcg tgctgcacct gctggtcggc tttgtcttcg tggtagtggt tctgggtcatc 180
aacttcgtcc agctgtgcac gctggcgctc tggccgggtca gcaagcagct ctaccgccgc 240
ctcaactgcc gcctcgcccta ctactcttg agccaactgg tcatgctgct ggagtgggtgg 300
tcctgcacgg agtgtagact gttcacggac caggccacgg tagagcgctt tgggaaggag 360
cacgcagtca tcactctcaa ccacaacttc gagatcgact tcctctgtgg gtggaccatg 420
tgtgagcgct tcggagtgtc ggggagctcc aaggtcctcg ctaagaagga gctgctctac 480
gtgcccctca tcggctggac gtggtacttt ctggagattg tgttctgcaa gcggaagtgg 540
gaggaggacc gggacaccgt ggtcgaaggg ctgaggcgcc tgcggacta ccccgagtac 600
atgtggtttc tcctgtactg cgaggggacg cgcttcacgg agaccaagca ccgcgttagc 660
atggaggtgg cggtgctaa ggggcttcct gtccctcaagt accacctgct gccgcggacc 720
aagggttca ccaccgagt caagtgcctc cgggggacag tcgcagctgt ctatgatgta 780
accctgaact tcagaggaaa caagaacccg tccctgctgg ggatcctcta cgggaagaag 840
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gaagcagctc agtggttca taaactgtac caggagaagg acgcgctcca ggagatatat 960
aatcagaagg gcatgtttcc aggggagcag ttaagcctg cccggaggcc gtggaccctc 1020
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ccgggacctg gtgactcatc acagtggctg tgggaggcag gggcctggct gttatggacc 1260
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cagtggggat ggcgccaggt ggcggccggt cggtctctct gggaggcgac cctcagctca 1440
gtgcaagaat ccaggctctg aagcccgcag gccgtggggg gatcctggct ccagggtcca 1500
taacagccag gccctgcct cccacagcca ctgtgatgag tcaccagggt ccggaccctg 1560
tggctgatac tgtgaggacc gtcagagtgt gagctgttag cgacagtgtc ca 1612

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<210> 8173
<211> 2701
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2362)...(1425)
<223> similar to gi3252824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8173
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gcgtcatcgt gccacttagc tgagccagcc agctctgcct ccctcccaa agacctttgg 120
acccagttc ccctctacag gctagctcat ccctctgggt ggtcattccc cgggtcacgt 180
tgagagcgag gctgactgca ccacctccct agctcaaggg ctcttttggg aggggcgcg 240
tgctttatca tcctcctgcc acaactcaaa tagtggttat ttacaagaag gtctgttccc 300
acaaatcagg accctaaagt attaaaaaac aaaacccaaa aaacaacaaa aaaccacaca 360
caacaaaaag tttgacgtga atagaaagat agcccttctg catggtagtc aacaaatacc 420
agcactagaa aatcaattgc ttttaattgca ttgcagcagg gaggctcagc accatgtggg 480
gaggaggaaa tgggaagggt ttggtttcag agtgcttttg gctggccaga ggggtggcaa 540
acagggcaag ggggctccct ctgcttgggc attgtccacc cctggtcagt gagagggggg 600
cagcaggggt gctccccacg gcagtcctgc tgcggccttc cctcctggcc tattcctggg 660

```

```

gcaggaacaa gctccagcct tctccacat ggctgaggta atcagcacc ctaccccagg 720
ggcatcttcc cagcctacaa agcaggaagg agcctgtgca gaagttacat tttaaaacca 780
gattttcacc tgaggcgtca accagatgtc acctctgctt aaaactccaa ctgcaaggct 840
ggcaagcagc acagaggaag tgcagatcct tctgtgtgca ctccaggccc agaggaactg 900
agaagccacc tgctgttccg gcccttgggc tgtttgggaa aagccagcag tcagagtgcc 960
agcctcaagc tctgattatc cccctcctgt ggccctggta gttcaagcag gtcctggcag 1020
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ggtgtgcagg gatacagagta atgttccgtg cccttgttca gcagcctcac gttcttctcc 1680
atttccagca ggacccgctt gtgctgctct gcgatggcca ggggtggcact gtggacgcgc 1740
tggtaaatct gctccccctc ttgtgtctgg aaggtataga gtccttcccc agcatcacac 1800
atccggccag cctcgaaggt aaagcgtgtg gcatcccgcc catagcggcg cagtgcagcag 1860
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acattgaagc gatctgtctg ttcacactgc acccctgggg ccaggagggtc aggttctccc 2040
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cgctggggcc ccttgctgga ggatttccgg aacaccagcc agcacctccg gtagatcccg 2340
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atgggtttcc caccttttag gggcgcgggg cctggcagag gcgaggggaa ggatgcccg 2460
gtgcctgggt ctccgctcc tccaatcacc tgttccagac actctgtcgg ggctgccgcg 2520
aggggctgct cctcacctca ccgcctcag cattgttcta gcagctcctt cgccccgcgc 2580
ctgctggaaa taaaaatgac agggagatta gagacagtga catctttctc ttctctcgc 2640
tgtctcgctc tcttttttcc ttctcttcc cacactctc ctctccccct cttccacgaa 2700
a

```

```

<210> 8174
<211> 816
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (716)...(278)
<223> similar to gi5532294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8174
tttttttttt ttgagagtga caaaaagggt tattctctgtg cttctcgcag cattaggcag 60
gggataaaac ttggagagaa gggccttggg gtggagggtg agggactcct gtgggcttca 120

```

```

ctctggtagg aggagagcat cagggcaggc ctttaggctg ttgctctggg caggggggtgg 180
gggtgcgggg gcttacagtg ggggccctta gttggcacag gttcgggaagg gccccaggca 240
gacatgaatt ctctgagac ttgaggtagg ttgcttcagc cagcccgggc ggagaagaag 300
ggcagagagc gaacatagga gtccagtcgg gagcgaaaga gctcactttg cacagtttgg 360
cccagcgggc acaggggatt cttcaccacc agctccacat acagcgcact gtagatgtgg 420
tgcagcacat ctcggtatgg tcccacgccc aagtcagtat tcatgacaac tttgatccca 480
gtgggcgtct cgtagtaatg gagtttgtaa cggctagttt ggaaggccag gaagccatcc 540
ttcatgtcta gcggggacat cttgctgaca aacgagcggg tagagaagag catcccgtac 600
atcagcttat actcctcctc cttgggaatc cctgcttgct tcttgcggtg ccattcgctg 660
tagtgcagac acactccatt ccggtcaaac aggtacaggt tgtggacagt catctgcagg 720
gcagggagtg tgagcctcgc tccggggccg cccccactcc ttgggctcgg gttcccggac 780
ccacagcctt ccaaccaggt ggggacccca cccacg 816

```

```

<210> 8175
<211> 2262
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (174)...(1347)
<223> similar to gil857445 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8175
tttcgtgcc tgcgccacgc ttggcagaga ggggaagcggg aggacacgac cccagggcat 60
tgtgggaaca ctggccaggc tggactttgc ctctcctcctc gtccttttagc cgggagcctg 120
tctttgcttg cctttgcctt tgaggctctg tggctgtggg gctgagtggc atcatggcgg 180
ctcagaaaga tctctgggac gccattgtga ttggggcggg gatccagggc tgcttcactg 240
cataccacct ggccaaacac aggaagagga tcctcctgct ggagcagttc tttctaccac 300
actcccaggg aagctcccat ggacaaagcc ggataatccg aaaggcgtac ctggaagact 360
tttacacccg gatgatgcat gagtgtatc agatatgggc ccagctggag cacgaggtg 420
gaacccaatt gcacaggcag actggattac tgctgctggg aatgaaagag aatcaagaat 480
taaagacaat ccaggccaat ctgtcgaggc agagggtaga acaccagtgt ctttcatctg 540
aggaactgaa gcaacgtttc ccaaattatc ggttgcccag gggagaagtg gggctcttgg 600
acaattccgg aggagtattc tatgcatata aggcctcag agccctgcag gatgcaattc 660
gacagctagg aggcatagtg cgtgacggag agaaggtggt ggagataaac ccagggttac 720
tggtcacggg gaaaaccacc tccaggagct accaagctaa gagcttggtc atcacagcag 780
gtccttggac caaccagctc ctccgtcccc tgggcattga gatgcctctc cagaccctgc 840
ggatcaacgt gtgttactgg cgagagatgg ttccctgggag ctatggtgtg tcccaggcct 900
ttccgtgctt cctgtggctg ggcttgtgtc cccaccacat ctacggactg cccacaggag 960
agtaccaggg gctgatgaag gtcagctatc accacggcaa ccacgcagac cctgaggagc 1020
gggactgccc cacagcacgc acagacatcg gagacgtcca gatcctgagc agctttgtca 1080
gagatcactt acctgatctg aagcccagag ctgctgtcat tgagagctgc atgtacacga 1140
atacccctga tgagcagttc attctcgatc gccacccaaa gtatgacaac attgtcattg 1200
gtgctggatt ctctgggcac gggttcaagc tggcccctgt ggtggggaag atcctgtatg 1260
aattaagcat gaaattaaca ccatcttatg acttggcacc ttttgaatc agccgtttcc 1320
caagcctggg caaagcccac ctttgacctc tggccagaag cctcccttct gtgcacagga 1380
gcaagtttca cagatggaga agatgtctca gatgaaggga gtgtccctga gatatcatcc 1440
ttttcttctg cctcgccctga atccccata aacaccagat gattgagtct accttctttc 1500

```

```

cttggcccg ctcctttttt ttctgcctca cttgaatccc ccgtaaacac cagacgattg 1560
agtctacctt cttttcttgg ccacctcccc attcacaact actttctcgc tcccagaagg 1620
ttgatcagat attctacaat cacagagtag caaggacggt tgagatgggt atatcagtaa 1680
gaagaggggca caagaactgg ctctggagac caaagcaggt gttaaaaatt ctctttgctg 1740
ggggccgggt gtggtggctc acacctgtaa tctcggcact ttgggggggct gagacaggcg 1800
gatcacctga ggccaggaat tcaagaccag cctggccaac atggtgaaac cctatctcca 1860
ctaaaaatac aaaattagct ggggtgtggtg gcgcatgcct gtaatcccag ctacttgga 1920
gactgaggca agagaatcac ttgaacccgg gaggtggagg tggcagtga ccgagattgc 1980
gccattgcac tccagcctgg gcaaaaagag tgagactctg tctcaaaaaa aaaacaaaac 2040
aaaaaaaacc tctttgctgg tatatttgaa gagcttgga tggatttgac taaatctgcc 2100
ccgaggaggg tgaacaaggt gatctcagag atcactactg ctcttgaggt tccttctcct 2160
aaagctaagg ccagcctcca tcacaaatgc ccataaaatc tggctcgtct ttgatgaaca 2220
ataaatattt gttgaacaaa taaataactg ccctgcaaaa aa 2262

```

```

<210> 8176
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (142)...(551)
<223> similar to gil086497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8176
tttcgtggcc gaacgcctat ctcgggcgga gagcgcggtt gtgcccagta tcccatcccc 60
gcgacccccg cgcgctccgg agagaacagg actatgcccc gggctgggga cggaggcaaa 120
gccccggcga gatggctggg cactgggctt ttgggcctct tctgctccc cgtaaccctg 180
tcgctggagg tgtctgtggg aaaggccacc gacatctacg ctgtcaatgg cacggagatc 240
ctgctgccct gcaccttctc cagctgcttt ggcttcgagg acctccactt ccggtggacc 300
tacaacagca gtgacgcatt caagattctc atagagggga ctgtgaagaa tgagaagtct 360
gacccaagg tgacgttgaa agacgatgac cgcatcactc tggtaggctc tactaaggag 420
aagaggaaca acatttccat tgtgctgagg gacctggagt tcagcgacac gggcaaatac 480
acctgccatg tgaagaacct caaggagaat aatctccagc accacgccac catctttctt 540
caagtcgttg atagacgtat gcagtagggg ctggcacagg gcagtggcgt ggggaaggact 600
tgaggaggcac ccaactcagc atcacagtga aatggcaaaa tggaccgtgt tggggttttc 660
ttttgcttta cactttccag agctgctgga gttacatcta aaagctagaa gagctcagct 720
tgaacactta ttctgctacc aaatagctta tgaaatactc ttagcctctc tc 772

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<210> 8177
<211> 1038
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (164)...(575)
 <223> similar to gi2970559 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8177
 ttctgtgtgc ggcctctccg cctgatagga gttgtagttc tgcgggtgaa gctcggcggt 60
 actatcaagc aaccaaactg caagctttgg gagggtgtcg ctgtccctgc cctgctctgc 120
 tagggagaga acgccagagg gaggcggctg gcccgggcggc aggcctctcag aaccgctacc 180
 ggcgatgcta ctgctgtggg tgctgggtgt cgcagccttg gcgctggcgg tactggcccc 240
 cggagcaggg gagcagaggc ggagagcagc caaagcgccc aatgtggtgc tggctgtgag 300
 cgactccttc gatggaaggt taacatttca tccaggaagt caggtagtga aacttccttt 360
 tatcaacttt atgaagacac gtgggacttc ctttctgaat gcctacacaa actctccaat 420
 ttgttgccca tcacgcgcag caatgtggag tggcctcttc actcacttaa cagaatcttg 480
 gaataatttt aagggctctag atccaaatta tacaacatgg atggatgtca tggagaggca 540
 tggctaccga acacagaaat ttgggaaact ggactatact tcaggacatc actccattag 600
 gcacagtga cgtgggtcaa ctaatcaaag aagtgaaaaa gtttgagaaa gtaatcgtgt 660
 ggaagcgtgg acaagagatg ttgctttctt actcagacaa gaaggcaggc cccatgggta 720
 atcttatccg taacaggact aaagtcagag tgatggaaag ggattggcag aatacagaca 780
 aagcagtaaa ctggttaaga aaggaagcaa ttaattacac tgaaccattt gttatttact 840
 tgggattaaa ttaccacac ccttaccctt caccatcttc tggagaaaat tttggatctt 900
 caacatttca cacatctctt tattggcttg aaaaagtgtc tcatgatgcc atcaaaatcc 960
 caaagtgggc acctttgtca gaaatgcacc ctgtagatta ttactcttct tatacaaaaa 1020
 actgcactgg aagattta 1038

<210> 8178
 <211> 1575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (201)...(882)
 <223> similar to gi4530587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8178
 ttctgtcccg cgcgcggact ttgccatcgg cggggcagtc gcgggatgcg cccgggagcc 60
 acagcctgag gccctcaggt ctctgcaggt gtcgtggagg aacctagcac ctgccatcct 120
 cttccccaat ttgccacttc cagcagcttt agcccatgag gaggatgtga cggggactga 180
 gtcaggagcc ctctggaagc atggagactg tgggtgattgt tgccatagggt gtgctggcca 240
 ccatctttct ggcttcggtt gcagccttg tgcgtggttg caggcagcgc tactgccggc 300
 cgcgagacct gctgcagcgc tatgattcta agccattgt ggacctcatt ggtgccatgg 360
 agaccagtc tgagccctct gagttagaac tggacgatgt cgttatcacc aacccccaca 420
 ttgaggccat tctggagaat gaagactgga tcgaagatgc ctcggtctc atgtccact 480
 gcattgccat cttgaagatt tgtcacactc tgacagagaa gcttggtgcc atgacaatgg 540
 gctctggggc caagatgaag acttcagcca gtgtcagcga catcattgtg gtggccaagc 600

ggatcagccc	caggggtggat	gatgttgtga	agtcgatgta	ccctccgttg	gaccccaaac	660
tcctggacgc	acggacgact	gccctgctcc	tgtctgtcag	tcacctggtg	ctggtgacaa	720
ggaatgcctg	ccatctgacg	ggaggcctgg	actggattga	ccagtctctg	tcggctgctg	780
aggagcattt	ggaagtcctt	cgagaagcag	ccctagcttc	tgagccagat	aaaggcctcc	840
caggccctga	aggcttcctg	caggagcagt	ctgcaattta	gtgcctacag	gccagcagct	900
agccatgaag	gcccctgccg	ccatccctgg	atggctcagc	ttagccttct	actttttcct	960
atagagttag	ttgttctcca	cggctggaga	gttcagctgt	gtgtgcatag	taaagcagga	1020
gatccccgtc	agtttatgcc	tcttttgca	ttgcaaactg	tggctggtga	gtggcagtct	1080
aatactacag	ttaggggaga	tgccattcac	tctctgcaag	aggagtattg	aaaactggtg	1140
gactgtcagc	tttatttagc	tcacctagt	ttttcaagaa	aattgagcca	ccgtctaaga	1200
aatcaagagg	tttcacatta	aaattagaat	ttctggcctc	tctcgatcgg	tcagaatgtg	1260
tggcaattct	gatctgcatt	ttcagaagag	gacaatcaat	tgaaactaag	taggggtttc	1320
ttcttttggc	aagacttgta	ctctctcacc	tggcctgttt	cattttattg	tattatctgc	1380
ctggtccctg	aggcgtctgg	gtctctcctc	tcccttgca	gtttgggttt	gaagctgagg	1440
aactacaaag	ttgatgattt	cttttttatc	tttatgcctg	caattttacc	tagctaccac	1500
taggtggata	gtaaatttat	acttatgttt	caaaaaaaaa	tcatcaactt	tgtagttcct	1560
cagcttcagt	cgacg					1575

<210> 8179
 <211> 805
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (234)...(637)
 <223> similar to gi4406698 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8179		
tttcgtggcc	ggtcggaccg ccaaggcagc cggcgctggc gatgggaagc ggcgtggccg 60	
ccgacacagg	cagtggcaaa gtttcccaga cgtacacatc tggacgcgcg gctgccggct 120	
accctgaccc	cctctaggaa gggttcaggg atttttaatt tggaaaaaaaa tccacctggt 180	
ttcctttgtc	aaggctctctc cgggtggcca gcggcaggag ctgcaaactt gggcacggcg 240	
gctacaccgg	cagcggaccg ggctttggag aacctcggga ctcagggtgct gaggtgcca 300	
gcggctccgg	acgtgctacg ggggtgcgag gcgggggagc tcggggcgca cgacaaggaa 360	
ggggccccgg	gagctctata tggaggaagg agcccagaat ggtgtgcacc aggaagacca 420	
aaactttggt	gtccacttgc gtgatcctga gcggcatgac taacatcatc tgcctgctct 480	
acgtgggctg	ggtcaccaac tacatcgcca gcgtgtatgt gcggggggcag gagccggcgc 540	
ccgacaagaa	gctggaggaa gacaaagggg aactctgaa gattattgag cggtgggacc 600	
acctggagaa	tgtcatcaag cagcacattc aagaggctcc tgccaagcct gaggaggcag 660	
aggccgagcc	cttcacagac tcctctctgt ttgcacactg gggccaggag ctacgccccg 720	
aaggccggcg	cgtggccctg aagcaattcc agtactacgg ctacaacgcc tacctcagcg 780	
accgcctgcc	cctggaccgg cccct	805

<210> 8180

<211> 3484
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (304)...(3395)
 <223> similar to gi3559925 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8180

gacggaccgg	tctggaattc	tcgggtcgac	gatttcgtcc	ggaggtttcg	attagttgtc	60
tctgccgctg	gggaaggtaa	tgcggcgacg	gogtccctcag	gagctgtggg	gtccccctgct	120
agaagtgggg	gactcggcgg	gggagtcatt	taatacttca	tgattagaac	aaatatgtga	180
aagttccac	caaccagtga	gaatttcttc	cttcagacgg	ttttggatct	tactgcacag	240
ctttctgaga	agttcttttg	gtgccatgtt	ttgtggcctt	catcaaaaga	ggagtttgtc	300
ttcatgaaga	ttcctaacat	tggtaatgtg	atgaataaat	ttgagatcct	tgggggttga	360
ggtgaaggag	cctatggagt	tgtacttaaa	tgcagacaca	aggaaacaca	tgaaattgtg	420
gcgatcaaga	aattcaagga	cagtgaagaa	aatgaagaag	tcaaagaaac	gccttttacga	480
gagcttaaaa	tgcttcggac	tctcaagcag	gaaaacattg	tggagttgaa	ggaagcattt	540
cgtcggaggg	gaaagttgta	cttgggtgtt	gagtatgttg	aaaaaaatat	gctcgaattg	600
ctggaagaaa	tgccaaatgg	agttccacct	gagaaagtaa	aaagctacat	ctatcagcta	660
atcaaggcta	ttcactgggtg	ccataagaat	gatattgtcc	atcgagatat	aaagccagaa	720
aatctcttaa	tcagccacaa	tgatgtccta	aaactgtgtg	actttggttt	tgctcgtaat	780
ctgtcagaag	gcaataatgc	taattacaca	gagtacgttg	ccaccagatg	gtatcgggtcc	840
ccagaactct	tacttggcgc	tccctatgga	aagtcogtgg	acatgtgggc	ggtgggctgt	900
attcttgggg	agcttagcga	tggacagcct	ttatttcctg	gagaaagtga	aattgaccaa	960
ctttttacta	ttcagaaggt	gctaggacca	cttccatctg	agcagatgaa	gcttttctac	1020
agtaatcctc	gcttccatgg	gctccggttt	ccagctgtta	accatcctca	gtccttgga	1080
agaagatacc	ttggaatttt	gaatagtgtt	ctacttgacc	taatgaagaa	tttactgaag	1140
ttggacccag	ctgacagata	cttgacagaa	cagtgtttga	atcacccctac	atttcaaacc	1200
cagagacttc	tggatcggtc	tccttcaagg	tcagcaaaaa	gaaaacctta	ccatgtggaa	1260
agcagcacat	tgtctaatag	aaaccaagcc	ggcaaaaagta	ctgctttgca	gtctcaccac	1320
agatctaaca	gcaaggacat	ccagaacctg	agtgtaggcc	tgccccgggc	tgacgaaggt	1380
ctccctgcca	atgaaagctt	cctaaatgga	aaccttgctg	gagctagtct	tagtccactg	1440
cacaccaaaa	cctaccaagc	aagcagccag	cctgggtcta	ccagcaaaga	tctcaccaac	1500
aacaacatac	cacaccttct	tagcccaaaa	gaagccaagt	caaaaacaga	gtttgatatt	1560
aattattgacc	caaagccttc	agaaggccca	gggacaaagt	acctcaagtc	aaacagcaga	1620
tctcagcaga	accgccactc	attcatggaa	agctctcaaa	gcaaagctgg	gacactgcag	1680
cccaatgaaa	agcagagtcg	gcatagctat	attgacacaa	ttccccagtc	ctctaggagt	1740
ccctcctaca	ggaccaaggc	caaaagccat	ggggcactga	gtgactccaa	gtctgtgagc	1800
aacctttctg	aagccagggc	ccaaattgcg	gagcccagta	ccagtaggta	cttcccatct	1860
agctgcttag	acttgaattc	tcccaccagc	ccaacccccca	ccagacacag	tgacacgaga	1920
actttgtctc	gcccttctg	aagaaataac	cgaaatgagg	gaacgctgga	ctcacgtcga	1980
accacaacca	gacattctaa	gacgatggag	gaattgaagc	tgccggagca	catggacagt	2040
agccattccc	attcactgtc	tgcacctcac	gaatcttttt	cttatggact	gggctacacc	2100
agcccccttt	cttcccagca	acgtcctcat	aggcattcta	tgtatgtgac	ccgtgacaaa	2160
gtgagagcca	agggcttgga	tggaagcttg	agcatagggc	aagggatggc	agctagagcc	2220
aacagcctgc	aactcttgtc	accccagcct	ggagaacagc	tccctccaga	gatgactgtg	2280
gcaagatctt	cgggtcaaaga	gacctccaga	gaaggcacct	cttccttcca	tacacgccag	2340
aagtctgagg	gtggagtgtg	tcatgaccca	cactctgatg	atggcacagc	cccaaagaa	2400
aatagacacc	tatacaatga	tctgtgcca	aggagagttg	gtagctttta	cagagtgcc	2460
tctccacgtc	cagacaattc	tttccatgaa	aataatgtgt	caactagagt	ttcttctcta	2520
ccatcagaga	gcagttctgg	aaccaaccac	tcaaaaagac	aaccagcatt	cgatccatgg	2580

aaaagtcctg	aaaatattag	tcattcagag	caactcaagg	aaaaagagaa	gcaaggattt	2640
ttcagggtcaa	tgaaaaagaa	aaagaagaaa	tctcaaacag	tacccaattc	cgacagccct	2700
gatcttctga	cgttgcagaa	atccattcat	tctgctagca	ctccaagcag	cagaccaaag	2760
gagtggcgcc	ccgagaagat	ctcagatctg	cagaccctaa	gccagccatt	aaaatcactg	2820
cgcaagttgt	tacatctctc	ttcggcctca	aatcaccccg	cttcctcaga	tccccgcttc	2880
cagcccttaa	cagctcaaca	aacccaaaaa	tccttctcag	aaattcggat	tcacccccctg	2940
agccaggcct	ctggcgggag	cagcaacatc	cggcaggaac	ccgcaccgaa	gggcaggcca	3000
gccctccagc	tgccagacgg	tggatgtgat	ggcagaagac	agagacacca	ttctggaccc	3060
caagatagac	gcttcatgtt	aaggacgaca	gaacaacaag	gagaatactt	ctgctgtggt	3120
gacccaaaga	agcctcacac	tccgtgcgtc	ccaaaccgag	cccttcacgc	tccaatctcc	3180
agtctcgctc	cctatccagt	actccaggtc	cgaggcactt	ccatgtgccc	gacactccag	3240
gtccgaggca	ctgatgcttt	cagctgcca	acccagcaat	ccgggttctc	tttcttcgtg	3300
agacacgtta	tgagggaagc	cctgattcac	agggcccagg	taaaccaagc	tgcgctcctg	3360
acataccatg	agaatgcggc	actgacgggc	aagtgacttc	tgcaagcctg	cggctgggtcc	3420
caatgccctg	aatcacctct	ctcatggaag	aaccaattaa	caccaatgaa	tcaaccatta	3480
aaaa						3484

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<210> 8181
<211> 2089
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(1188)
<223> similar to gi563886 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8181						
tttcgtatcc	ggtgcctcct	gcagcccgcc	tgctgggcag	ggccggcgcg	gccccggccat	60
ggagtcctac	gacatcatcg	ccaaccagcc	tgtgggtcatc	gacaacgggtt	cgggggtgat	120
taaagctggc	tttgcaggag	accagattcc	caaatactgt	ttcccaaact	atgtcggggcg	180
gccgaagcac	atgcgggtga	tggttgagac	cctggagggg	gacctcttca	tcggacaaaa	240
agcagaggag	caccgggggc	tgctgaccat	ccgtacccc	atggagcacg	gcgtggtgcg	300
agactggaac	gacatggaac	gcatctggca	gtacgtctac	tccaaggatc	agctgcagac	360
cttctcggag	gagcatcctg	tgctcctcac	ggaggccccg	ctcaaccoga	gtaagaaccg	420
ggagaaggcg	gcagaggtgt	tctttgagac	cttcaacgtg	ccggccctgt	tcatctccat	480
gcaggctgtg	ctcagtctgt	acgcaacagg	acgcacgaca	ggagtgggttc	tagactcagg	540
ggacggggtc	actcatgctg	tgcccatcta	tgagggtctt	gccatgcctc	actccatcat	600
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aggggttgac	ttccatacct	cggttgagtt	tgaggttgtc	cggacaatca	aagagcgagc	720
gtgctacctg	tccatcaacc	cacagaagga	tgaggctctg	gagacggaga	aggtgcagta	780
cacgttgcca	gacggcagca	cgcttgatgt	ggggcctgca	cgattccggg	cccccgagct	840
gctgttccag	ccggaccttg	tgggggatga	gagtgagggg	ctccatgagg	tggtggcctt	900
cgccatacac	aagtccgaca	tggacctgcg	ccggacgctg	ttcgccaaca	tcgtgtcttc	960
aggtggctca	acgtttttca	aaggtttcgg	agaccgatta	ctcagtgaag	tgaagaagct	1020
tgcccaaag	gatatcaaaa	tcaagatctc	agccccgcag	gaacggctgt	actccacatg	1080
gattggcggc	tccatcctgg	cctcgctgga	cacttttaag	aagatgtggg	tgtccaaaaa	1140
ggagtatgaa	gaggatggct	cccgctgctat	tcatcgcaaa	acttttctagt	gcccaggag	1200
ggcggggcat	gttgggagag	ggggagggag	gggagacaga	gcctttaacc	ctttttggtc	1260

```

ttggctcgta tactaggctt aggggtcccct gcatgccctg aacccttggg tgggtggcac 1320
agcagtgcc cctgcagcc tccccctcta cacaggacat gcacacacaa gtaacattga 1380
gctgcatgga caggagcctt gagctggcgt gtgggaattg agcgccatgt caggctgttg 1440
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gcctccctga gctccagggc cagaatgcct ggatgcctgg gtagccagtt tggggagtgg 1560
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agatgccctg gtgtagggtc gagtactgaa tgggtcttcca tccccagcaa ggggggtgcag 1740
cccagggtca ggcccttcag agccagggca gaggacgcac ggtggctaga gccgctgcac 1800
tatccttttc agagcacttc atccacttgc tcctccctct accctcggca ccctgggtgg 1860
gaaaggggtt atgctcatca tttattgagg ggaagccact taataaggag tcagacctaa 1920
aaggggggtg gggacatttt cttacctcac ccaagaaaga ggtcgtcact tttgctgtgg 1980
ccagggtccc acctccctct ctcagatatg tacaataatt taacacgggt gcctgaaaaa 2040
aacttttgta aatcattata gtaataatta tggacaagga aaaaaaaaaa 2089

```

```

<210> 8182
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (671)...(568)
<223> similar to gi3098289 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8182
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caaccgcacg gccctcttcc cggacctgct ggcacagggc aacgcatccc tgaggctgca 180
gcgcgtgcgt gtggcggacg agggcagctt cacctgcttc gtgagcatcc gggatttcgg 240
cagcgtgcc gtcagcctgc aggtggccgc tccctactcg aagcccagca tgaccctgga 300
gccaacaag gacctgcggc caggggacac ggtgaccatc acgtgctcca gctaccaggg 360
ctaccctgag gctgaggtgt tctggcagga tgggcagggt gtgcccctga ctggcaacgt 420
gaccacgtcg cagatggcca acgagcaggg cttgtttgat gtgcacagca tcctgcggtg 480
ggtgctgggt gcaaatggca cctacagctg cctggtgcgc aaccccggtc tgcagcagga 540
tgcgcacagc tctgtcacca tcacacccca gagaagcccc acaggagccg tggaggtcca 600
ggtccctgag gacccggtgg tggccctagt gggcaccgat gccaccctgc gctgctcctt 660
ctcccccgag cctggcttca gcctggcaca gctcaacctc atctggcagc tgacagacac 720
cagacagctg gtgcacagtt tcaccgaagg ccgcg 755

```

```

<210> 8183
<211> 984
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (947)...(797)
 <223> similar to gi3928928 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8183
 ggggttttccc cctccccggt ttttaaaaac cgcggccggg aattttttttt gggggccccct 60
 aaaaaaaaaa ttttctttcc ccccccggg attttaaatt ttttctttt aaaggccccc 120
 cccttttttt ttttttgac agaataagca atttattgca attgaattat ccaatgtggt 180
 tgactgaata taaatatatt tattacaaaa tattccaggt aaaaattcgg agctgcttac 240
 aagcttcttt agctttaagc tcattgcatt tcttcatgtc tagagcatgg gtgacgggct 300
 caggtgtgcc tggcctgccc cgcagggtcc tccttctccg tctgcagtgg gtccactca 360
 gtgaggacct ctgaggacac ctgagtgaac agatgggtccc agtcccagcc gacatcatcc 420
 tgccaagaag ggtttcgctc ccggacttgc tgctccggcg cgagcacttt ggtgaggagt 480
 ttgaggtcga tctcccatc cagtgtctga atggctgagt acttcatgag gtcattgtcc 540
 aggtcacggg aggtcatcac ccgctttatc tggatgctgg gaggggctgc cacctgcaaa 600
 acaaagtctt cttcctgtac ttccctccaga tccggaatga taggaatatc tcctccataa 660
 tctgatccat tcaggctctg tggctgagg cggaatctt ctatttcttc agaagccttc 720
 ctctaaact tcgaagcctt cacggaatca cctgccagc ctccctgtcg gcagcgaggt 780
 aatttagcag aggaagtctc tccagtcaga gtcaaagagg aattcttgcc attgaggtga 840
 ttctcggcct gcgctgactc ctgttgagct cggcgaccca tcttgccct ggaggtagcc 900
 aagctgtagc gaagctctc gtccaagtcg agcaaatcct ccatctccgc ggccgacgaa 960
 atcgtcgggc cgggaattcc gaca 984

<210> 8184
 <211> 1344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1220)...(332)
 <223> similar to gi4139266 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8184
 tttttttttt ttcttgatac agggcctggc tactgttggc ccaggctgga gtgcagtgga 60
 gtaatcatgg ctacacctag ctttgacctc cagggtcaa gtaatcctcc ctaatacggg 120
 catttctctc atcgcttcag aaccgcggcc acaaccaaac attcagatgc ttattaaggc 180
 aacaaaacaa gtgacagacg ggacaatttt tccaattcta gatctaattg attaggctat 240
 gtctcatgag gagactgtac ttgacctcta agctagcatc tggaatacaa tcttccagcg 300
 gcttagggaa ggtcgggtgat agtagtatcg tcaggatcaa ttccgaagtg cagcttgccg 360
 tccttgccgg ctgccaggg catggagggt gaggtccact ttgccaccca gtctcctgtt 420
 ttgctaacca cgatgaggcc acctaaacct ttaacccttg acttcatata acccaacgat 480
 aggtccgcag cctcttctac cgtctttcct tgttctatgt ggaacagggt gagtctagcc 540
 aggttcacct tcaggatgct ttcccatgac cctgtggttg agacgggtcc gatgtcattg 600

tcggcataac	ctccagctcc	tagacacggt	gagtcccca	cgcgcccgac	cattttatta	660
acgataccgc	ctgtggaggt	tgcgtaggct	acattccctt	tgcagtccaa	ggcaacagca	720
cccacgggtc	ccaagttttt	ttgacaatct	gttttctgag	cacctttttc	atgcttctct	780
ttttccaggc	gctttttgtt	tctctctgtc	accagttttt	ctccaggaat	ctctggaacc	840
cccatagctg	ctgcaaactg	cgctgcgcct	tggtcagtca	gaaagcaatg	aggtgtcttt	900
tccatgacaa	gccgagcaag	tttaatggga	tttgcataac	actggactgc	ggacactgct	960
cctgcagaca	ggtcttttcc	atccatgata	ctagcatcca	tttcaacctc	accattttgtg	1020
ttcaagacag	acccacaacc	tgcgttgaac	tccggatcgt	cttccagggc	gacgacagct	1080
ccctctacgg	catccacggc	gctcccggcc	tcccggagga	tgccgtagcc	cacggtggcg	1140
gctctgacca	tgccctgggtg	cactcgtctc	ttccgatcct	tggagatggg	accggctccg	1200
ccgccgtgga	ccactacgat	gggattcatg	tccgcggatc	ccagggcacc	gcaggacgcg	1260
gacgccgaga	cctcaagctg	ggtcgagcca	gccccgcagc	cgcccgttac	cgccgctccc	1320
cgacgccggc	tccccacgcg	tccg				1344

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<210> 8185
<211> 1708
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (715)...(1397)
<223> similar to gi4929649 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8185						
tttcgtcgcc	tccgctatct	gggtcaggac	gcgacggccg	cgcgcgggga	ccttaggacc	60
cgcgggctcc	agggctactg	tccgtccgcc	actgcgcgcc	agcaggctcct	ggtctccgct	120
ctccaacagc	tgaaaggccg	gcgcagtgaa	cacagaaacg	aaaaccaaga	aatgccttat	180
tccacaaaca	aagagttgat	acttggcatc	atggtgggca	ctgctggaat	cagcttgctg	240
ctcttgtggt	accacaaggt	ccgtaaacca	gggatagcaa	tgaagttacc	tgaatttctt	300
tctctgggta	atacatttaa	ttcaataact	ttgcaagatg	aaatacatga	tgaccaagga	360
acaacagtaa	tctttcaaga	aaggcaactt	cagatactgg	agaagttaaa	cgaattactg	420
acaaatatgg	aagaactcaa	agaggaaatc	agatttctta	agaagcttat	tccaaagctg	480
gaggaatata	tacaagatga	acttggaggg	aaaataactg	ttcataagat	aagccctcag	540
cacagagcga	gaaaaagaag	actccccaca	attcaaagtt	cagcaacaag	taatagtcca	600
gaggaagcag	aaagtgaagg	agggtatat	acagctaata	ctgacacaga	agaacagagt	660
tttccagtc	ctaaggcatt	taacacacgt	gtagaggaat	taaatttaga	tgtccttctt	720
cagaaggtag	atcattttacg	tatgagttag	tctggcaagt	cggagagttt	tgaactactt	780
cgtgaccaca	aagaaaagtt	tagagatgaa	atagagttta	tgtggcgatt	tgctcgtgct	840
tatggagaca	tgtatgaact	atctacaaac	acacaagaaa	agaaacatta	tgctaataatt	900
ggaaaaactt	taagtgaag	agctattaat	agagcaccca	tgaatggaca	ttgtcatctg	960
tggtagcgag	ttttgtgtgg	ctatgtatct	gagtttgagg	gtttacaaaa	caaaatcaac	1020
tatgggcacc	tcttcaagga	acatctagat	atagcaatca	aactttttacc	agagggaaccc	1080
tttctatat	acctcaaagg	gagatactgc	tatactgtct	caaaactgag	ctggattgag	1140
aaaaaaatgg	ctgctactct	gtttggaaaa	ataccatctt	caactgtaca	agaagcttta	1200
cacaattttc	ttaaggctga	agaactatgc	cctggttatt	ctaataccaa	ttacatgtac	1260
ttagcaaagt	gttatactga	tcttgaggaa	aaccagaatg	ctttgaagtt	ctgtaatttg	1320
gctttattgc	ttcctactgt	taccaaagag	gataaagagg	cacagaaaaga	gatgcaaaaa	1380
ataatgactt	ccttgaagag	gtaaataaac	gaatttactc	ttcaacaaat	cagatgtggt	1440

ctacaaaaat	ttaaataaat	caaagttgtg	cttttattat	ccttcatttt	tgatgtaagg	1500
gtattgtgct	tagatttgaa	ggtaaagcca	tgtttctgca	gaatgcattc	cactagtagc	1560
actacaaaaat	taattatggt	atttggagaa	tctatatact	ataatgtcaa	tacataatct	1620
ataaacatgt	atgctttata	tttttcttat	caataaactg	cagccttaag	aatattttctt	1680
taaataaaaat	atttaaatcc	aataaaaa				1708

<210> 8186

<211> 1793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1556)...(1176)

<223> similar to gi4191272 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8186

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ttaactctca	attatataat	tacaaaaaaa	atccaagttt	caggaaaaca	tacttaatcc	120
taacataaaa	ttcatgtcac	ttatcacaaa	gacagtcaag	tgtataaagg	agaaacaaaa	180
cagaagcagt	atttacaaat	ttaaactaca	tgagatgttg	tgaacaatct	tttgtaata	240
aacagcacgt	tacatacttt	tacatactac	atttcaaaaa	tgcatctgtg	aataatatga	300
taaagcgcgt	agtgttgaag	actttaaatt	aaatccaagg	tcatcatgtt	gaagacctga	360
aattaaattc	aagggtgtag	tgatgaaaaa	tttaaagtca	aggtcttagc	gataaagact	420
ttaaattcaa	agacagattg	tctaaggaca	aaccactagc	gttcaagttg	tttagtcaat	480
tagttctctg	tgagtacaaa	atattaggaa	tcactaaatg	gattagccta	attacaaatt	540
ttgatcattt	ctaaataact	cacaactgca	agaagtcttt	tcacagaatg	agtcacatag	600
tttctctcta	tccttgtgca	ggatatttta	atcccttatt	caaaacaggt	tccctctcca	660
tttctagatt	tttgtaagta	taaaatatatt	taaaacaaag	gtatgtccgt	tccttagcta	720
gagaactatt	cttccactga	ctcctggaag	agaaaaaaa	gattcccatt	tcttcctcta	780
cctcaaaaac	acaaagcaaa	cccaaacaat	ccaattccta	atgtagtgtc	acatagaacc	840
cagggcctga	aacaatattt	catgctagtt	ttcctgctat	atgcagagaa	caatttagtt	900
atttacatta	ttgagaaatc	tatttaacag	cctagaatca	tcctagtgtc	tccatcagca	960
gaaggccttg	taaaaaaggc	gtgagcagcg	gcgtctgcga	atgggaacat	caaagactct	1020
cctccgtctc	tcctcttcac	catcttcac	tgattcatcc	atatctgctg	aatcatcatc	1080
ctcgtcttcc	tcctcttcct	cctcctcctc	ttcttccatc	tcttcataatt	catcaggacc	1140
catttccaat	cgggctatag	acaccctgaa	tggttgacat	gccatatgga	atcgggggaat	1200
ggcaacatta	aagatcttgt	ctttaaagta	aagaaaatgg	aagggtataat	atccttccat	1260
gtatcctgat	gttgtagaga	atgtggtaca	gcttgtgtat	tcatataccc	gacctgggct	1320
gatgattgga	aattcaccaa	ctactccagg	tccttgaact	tcttccacgt	cacccttagc	1380
atttgttatt	ctccaatagc	gactgtccaa	ctgacaggcc	ttctcaggaa	gtgcatcttt	1440
tgacatttca	atcctgattc	ggatgtgtga	gaaatagtgg	ggtggatgta	cagagctaag	1500
ttctggcaga	aacgatgtgg	aaactgacac	agtaatatcc	ccagttgttg	ctacacattc	1560
tgatcgtgga	acatatctga	aaatttggtc	tctgatgatg	gggaagccac	ctgatacaac	1620
atttttgaca	taagaggtaa	accagtcagt	aaaagtagca	cctataataa	acatgtcaat	1680
agcagctgga	tttcgagcca	tttgggtctg	acattggtag	aaaacttcat	ttttgtttcg	1740
gccctctgca	gcttccactg	ctatgtactg	actcaaacca	gtatgtatgc	aaa	1793

<210> 8187
 <211> 2342
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (90)...(1415)
 <223> similar to gill154950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8187
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 ccgaggacta cgagcgctgg cagcgccagg gcgcccgcgg ctgggactac gcgcactgcc 120
 tgccctactt ccgcaaggcg caggggccacg agctggggcg cagccggtag cggggcgccg 180
 atggcccgtt gcgggtgtcc cggggcaaga ccaaccaccc gctgcactgc gcattcctgg 240
 aggccacgca gcaggccggc taccgcgtca ccgaggacat gaatggcttc cagcaggagg 300
 gcttcggctg gatggacatg accatccatg aaggcaaacg gtggagcgca gcctgtgcct 360
 acctgcaccc agcactgagc cgcaccaacc tcaaggccga ggccgagacg cttgtgagca 420
 ggggtgctatt tgagggcacc cgtgcagtgg gcgtggagta tgtcaagaat ggccagagcc 480
 acagggctta tgccagcaag gaggtgattc tgagtggagg tgccatcaac tctccacagc 540
 tgctcatgct ctctggcatc gggaatgctg atgacctcaa gaaactgggc atccctgtgg 600
 tgtgccacct acctgggggt ggccagaacc tgcaagacca cctggagatc tacattcagc 660
 aggcatgcac ccgcctatc accctccatt cagcacagaa gccctgcgg aaggtctgca 720
 ttggtctgga gtggctctgg aaattcacag gggaggggagc cactgcccatt ctggaaacag 780
 gtgggttcat ccgcagccag cctgggggtcc cccaccggga catccagttc catttcctgc 840
 catcccaagt gattgaccac gggcggttcc ccaccagca ggaggcttac caggtagatg 900
 tggggcccat gcggggcacg agtgtgggct ggctcaaac gagaagtgcc aatccccaag 960
 accaccctgt gatccagccc aactacttgt caacagaaac tgatattgag gatttcctgc 1020
 tgtgtgtgaa gctcaccaga gaaatttttg cacaggaagc cctggctccg ttccgaggga 1080
 aagagctcca gccaggaagc cacattcagt cagataaaga gatagatgcc tttgtgcggg 1140
 caaaagccga cagcgccctac caccctcgt gcacctgtaa gatgggcccag ccctccgac 1200
 cactgccgt ggtggatccg cagacaaggg tcctcggggg ggaaaacctc agggtcgtcg 1260
 atgcctccat catgcctagc atggtcagcg gcaacctgaa cgccccaca atcatgatcg 1320
 cagagaaggc agctgacatt atcaaggggc agcctgact ctgggacaaa gatgtccctg 1380
 tctacaagcc caggacgctg gccaccacgc gctaagacag ttgctgctgg aggatgacca 1440
 ggggaagccc ctgataagcc aagagggcca gcacagcct tgctcccagg ctccctgctg 1500
 aaactatcta gcacactagg acccaggtgg taccctactc agtggctgag aattggataa 1560
 agtcttggga aatgagacaa gtactgggca gtgaatccag ctccctttcc ccagcctttc 1620
 cctgtggggc atttggggaa ggccagcatt cagcctgaga tgttcctccc tgccctcctg 1680
 agggacagaa ggggaggatg gttaactcct gccgcatact ttttcttgtg ttcacgtggc 1740
 attctctaac ccagggcagt ggttccttcc caggccatgc acagaggctg ggtgcctgcc 1800
 agaccacgg agggttcgcg aagggaaggg catcctcctt cttgagctgc aagctttagc 1860
 tgaggcagta agtcacacag tagttagttc agcctgggct ggcacataag taagtcccca 1920
 gtgtccctgt tgagagggga aagttgcctg ctggttgaaa aactggcttt tcctttctcg 1980
 ctgcctaatt tactctcag agtgaggcag gtaactgggg ctccactggg tactctgag 2040
 agggttgtgg ctctggttct tattaaacca gggccagggtg cagggtcac accgtgtaac 2100
 ccagcacttt ggggaaggtca cttgagctca ggagttcaag accagcctgg gcaacatagt 2160
 gagaccttgt ctctggaaaa caattagctg ggcatgggtg tacacacctg tagtccagc 2220
 tacttgggag gctgaggcgg gaggatggct ttagcccagg aggttgaggc tcctgtgaac 2280
 cctgatggca ccactgcact ccagcctggg tgacagggtg agaccctgtc tcaaaaaaaaa 2340

<210> 8188
 <211> 1346
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (428)...(1057)
 <223> similar to gi4586109 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8188
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 ggacatctct ctggctgggg agcggcgggtg agaccgcgcg agggcggtctg tgtccctcct 120
 cccccgcggt cctcgggtgcg tccgcacgcc cctcctcctc gggtccctcc ttcttctctc 180
 cgcgcctctc cgcctccctcc ccgtctccgc aggcgcgagt gtgcggcccg cctccagctg 240
 accggcctgg aatccccggct ccgagccccg gactcgcgtc cgcgcgcgcg cccgctcctt 300
 cccctccccc ccgcctccgag ccccccgacg ccgcgcgcac cgtctcctca gagcgggtgcc 360
 cgggcccagc cgcgcgccacc gctgcgcgcg ccgagctccg ccgcgcgcga gcacctggg 420
 agacgctggg agcgagcgca gcaaagcgcc cagcctgccg cctcgcgtgc cctgcggctt 480
 ctgggggtcc agcaagacta tgaatctctg ttccaaatgc tttgctgatt ttcaaaagaa 540
 acagccagac gatgattccg ctccaagtac aagtaacagc caatcagatt tgttttccga 600
 agagaccacc agtgacaaca acaatacctc gataaccacg ccaactctta gtcccagcca 660
 gcagccgctt ccgacagaac tgaatgtaac ttaccgcagt aaagaggagt gtgggccaatg 720
 cacagacaca gctcatgtct cattaatcac accaacaaaa agatcctgtg gtacagattc 780
 acagtctgag aatgaggctt caccagtaaa acggccacga ctacttgaga atacggaacg 840
 gtccgaggaa accagtcgat ctaaacagaa gagtcgacgt cggtgcttcc agtgccaaac 900
 caaactggag ctggtgcagc aggaattggg atcgtgtcgc tgcggttatg tgttctgtat 960
 gttacatcgc ctccccgagc agcacgactg cacattcgac cacatgggccc gtggccggga 1020
 ggaagccatc atgaaaatgg tgaagctgga ccggaaagtg gggcgctcct gccagcgcat 1080
 cggggagggg tgctcctgaa ggccaggcat ggccaccacg tgacgctggt cttagttcac 1140
 taatgttagc cttatttagg acaaagtcag ccagacacct tgtactgggc acgcgtcaga 1200
 ctgcagccag tccgtttcct ttctttagcc agccatcctg gtactgtagt ttaggggttg 1260
 atggtggttg aaattgattt ctggctggtt actaagggtg ctgctagcca ttgtataaaa 1320
 ttaaaacatg aagaataaaa aaaaaa 1346

<210> 8189
 <211> 1554
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (70)...(934)

<223> similar to gi3191964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8189

```
ctcctctcga gcgctcctcag cgcagccgcc gcccgcgag ccagcacgaa cgagcccagc 60
accggccgga tggagcgctc gcaacccgac agcatgcccc aggatttgtc agaggccctg 120
aaggaggcca ccaaggaggt gcacacccag gcagagaatg ctgagttcat gaggaacttt 180
cagaagggcc aggtgacccg agacggcttc aagctgggtga tggcctccct gtaccacatc 240
tatgtggccc tggaggagga gattgagcgc aacaaggaga gccagtcctt cgcccctgtc 300
tacttcccag aagagctgca ccgcaaggct gccctggagc aggacctggc cttctggtac 360
gggccccgct ggcaggaggt catcccctac acaccagcca tgcagcgcta tgtgaagcgg 420
ctccacgagg tggggcgcac agagcccagc ctgctgggtg cccacgccta caccgctac 480
ctgggtgacc tgtctggggg ccagggtgctc aaaaagattg cccagaaaagc cctggacctg 540
cccagctctg gcgagggcct ggccttcttc accttcccca acattgccag tgccaccaag 600
ttcaagcagc tctaccgctc ccgcatgaac tccctggaga tgactccgc agtcaggcag 660
aggggtgatag aagaggccaa gactgcgttc ctgctcaaca tccagctctt tgaggagtgtg 720
caggagctgc tgacccatga caccaaggac cagagcccct cacgggcacc agggcttcgc 780
cagcgggcca gcaacaaagt gcaagattct gcccccggtg agactcccag agggaagccc 840
ccactcaaca cccgtcccca ggctccgctt ctccgatggg tccttacact cagctttctg 900
gtggcgacag ttgctgtagg gctttatgcc atgtgaatgc aggcatgctg gctcccaggg 960
ccatgaactt tgtccggtgg aaggccttct ttctagagag ggaattctct tggctggctt 1020
ccttaccgtg ggcactgaag gctttcaggg cctccagccc tctcactgtg tccctctctc 1080
tggaaaggag gaaggagcct atggcatctt cccaacgaa aagcacatcc aggcaatggc 1140
ctaaacttca gagggggcga agggatcagc cctgcccctc agcatcctca gttcctgcag 1200
cagagcctgg aagacacct aatgtggcag ctgtctcaaa cctccaaaag cctgagttt 1260
caagtatcct tgttgacacg gccatgacca ctttccccgt gggccatggc aatttttaca 1320
caaacctgaa aagatgttgt gtcttgtgtt tttgtcttat tttgttgga gccactctgt 1380
tcctggctca gcctcaaag cagtattttt gttgtgttct gttgttttta tagcagggtt 1440
ggggtggttt ttgagccatg cgtgggtggg gagggaggtg tttaacggca ctgtggcctt 1500
ggtctaactt ttgtgtgaaa taataaaca cattgtctga tagtaaaaaa aaaa 1554
```

<210> 8190

<211> 1519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(721)

<223> similar to gi5788109 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8190

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aggagcgcaa aatggcgga cgcggagcc ccgtgcactg tgtcgctgcc gcggcccca 60
ccgccaccgt ctcggagaaa gaaccgtttg gcaagctgca actctcctcc cgggacctc 120
cgggttctct gtccgccaag aaggctccga ctgaggagaa gaaggcaccg cggagagtga 180
acggagaagg gggcagcggc gggaacagca ggcagctgca gccgccggca gcaccttcgc 240
```

```

ctcagagcta tggcagcccc gcgtcttggg gctttgcccc tctgtctgct gctccctccc 300
cgtcctcttc tcggagcagt ttctcttttct ccgctggcac ggccgttccc tcctcagcct 360
ccgcttcctt gtctcagccg gggccgcgca aactgctggt ccctcctacg ctgctgcacg 420
ctcagcctca ccatctctc ctgcccgcgc ccgcccgcgc tgcctcggct aacgccaagt 480
cgcgcagacc taaggagaag cgggagaagg agaggaggag gcacggtctc ggtggggccc 540
gagaggccgg cggggcctcc cgggaggaga acggggagggt gaagccgctg ccccgagata 600
aaatcaaaga caaaattaaa gagagagaca aagaaaaaga aagagaaaaa aagaaacata 660
aagtaatgaa tgagatcaag aaagagaatg gagaagtaaa gatttttgctg aaaagtggga 720
aggagaaacc aaaaacaaat atagaagact taaaaattaa aaaggtaaa aagaaaaaga 780
aaaagaaaca caaagagaat gaaaaacgga agcgtccgaa aatgtatagc aaatctattc 840
agaccatctg ctacggattg ctaactgatg ttgaagatca agcagccaaa ggcctcctaa 900
atgataacat aaaagattac gttgggaaga atttgatac caagaactat gattccaaaa 960
ttccagagaa cagtgaagtt ccatttgtct cattaaagga gccacgagtt cagaataacc 1020
tcaaaagggt ggacactttg gaatttaaac aactcattca tatagagcac cagcctaagt 1080
gaggtgcatc ggttatccat tgcctacagt aacgaactct cccacctgtc tcctatgggg 1140
gatgggagag gtttgacaga gagtttgttg ggtctagggt ttcagtgaag atgaaaactc 1200
tggcagcttt cctacgtgat ggggtattgt tccatggggc agctacttat ttacctgac 1260
tttttagact atttttcatt taattttccc caattcacc agtgaaaatg gagatattgg 1320
gaaagaaaga tatagagaca acgactatgt ccaattttca tgctcagagt ctactgtac 1380
tccagcctgg acgacagagt gagactccat ctcaaaaaa aagaaagaaa ttcattgataa 1440
tgctatcctc taggtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa 1500
aaggtaaaca aaaaaataa 1519

```

<210> 8191

<211> 3826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (173)...(1224)

<223> similar to gi3550283 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8191

```

ccacgcgtcc gggggtgctg ggccctggcg gcaaactaag gctgcggacc gttgggcggt 60
tccgcggggc gttgtccgga gagctgcgag gccgggggtt ccagggttca cgccacactc 120
taggaagtgc ctgagctagt gagctggcca acgagctccg cgggctggga ccatgggctg 180
cttcttctcc aagagacgga aggctgacaa ggagtcgchg cccgagaacg aggaggagcg 240
gccaaagcag tacagctggg atcagcgcca gaagggtgat ccaaaagact acatgttcag 300
tggaactgaag gatgaaacag taggtcgctt acctgggacg gtagcaggac aacagtttct 360
cattcaagac tgtgagaact gtaacatcta tatttttgat cactctgcta cagttaccat 420
tgatgactgt actaactgca taatttttct gggaccctg aaaggcagcg tgtttttccg 480
gaattgcaga gattgcaagt gcacattagc ctgccaacaa ttctgtgtgc gagattgtag 540
aaagctggaa gtctttttgt gttgtgccac tcaacccatc attgagtctt cctcaaatat 600
caaatttgga tgttttcaat ggtactatcc tgaattagct ttccagttca aagatgcagg 660
gctaagtatc ttcgacaata catggagtaa cattcatgac ttacacctg tgcaggaga 720
actcaactgg agccttcttc cagaagatgc tgtggttcag gactatgttc ctataacctac 780
taccgaagag ctcaaagctg ttcgtgtttc cacagaagcc aatagaagca ttgttccaat 840
atcccggggg cagagacaga agagcagcga tgaatcatgc ttagtggtat tatttgctgg 900

```

tgattacact	attgcaaag	ccagaaaact	aattgatgag	atgggttgga	aaggcttttt	960
cctagttcag	acaaaggaag	tgtccatgaa	agctgaggat	gctcaaaggg	tttttcggga	1020
aaaagcacct	gacttccttc	ctcttctgaa	caaaggctct	gttattgcct	tggagtttaa	1080
tggggatggt	gctgtagaag	tatgtcaact	tattgtaaac	gagatattca	atgggaccaa	1140
gatgtttgta	tctgaaagca	aggagacggc	atctggagat	gtagacagct	tctacaactt	1200
tgctgatata	cagatgggaa	tatgaagtgc	aatgtggaac	caggacttgg	tattaagcct	1260
ttcccaactt	gtgaatatag	aatttgataa	tacacttttg	tgtattagca	atgggtttta	1320
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aaccattttt	aataagcttg	cagttttggt	tctctgcata	tgatattcct	attagaaaac	1500
agaagtagct	aaaagtttat	tattttaatc	ctattttaaat	gttctttcaa	atctctaata	1560
atttaaacct	tcctcagtg	tccatgatac	tttttttgag	actccatatc	attgcttatt	1620
ttaccttttt	caattaagag	ggattttgta	ctagtcgata	aattagaatg	aacctatgca	1680
cattttttatg	tacacatatc	cagttatata	attgcttcct	agttgcatta	tatggcaaat	1740
gagattttgt	acatggagtt	gacataatac	tttgtaaatt	gaatttttta	aagaaatagg	1800
catttgataa	ccagcttggc	aagtaactct	actaacagat	gttggtatag	ctattttaag	1860
actacttcgt	aagtagtatg	attatttgaa	taaattacac	attgtttagt	tttttaatac	1920
aactgctata	tgactcttct	gcttcctgat	aagaaaaggt	atatgcaatg	ctaaaactgt	1980
agaagcccaa	tcaccagcag	tttttaaaaa	ggtgataact	tttattagct	cttgtgggct	2040
atcaagagaa	ttagaccaaa	cccttgtgac	ttttaggtaa	gaaataggca	tgatgataag	2100
ctatgcagat	tattaaaaag	cttgatacat	ttgatttttc	attagatatg	ccattcatat	2160
caagtaatgt	tcaagtatga	taaaattatt	ttggttgctt	taaagcactg	tttcccaa	2220
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ttcttgacc	caatcctcag	atgcacggat	tcagtcctca	ggggaaactc	tgttttaagg	2340
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cctatttttt	aaaggaatct	gaaatttaat	tctattttga	taaaactaag	actgaaaata	2520
accacttgta	aacattccta	tgattgttac	taaaatgtat	tttcatgttt	aaaatgtttt	2580
tggatatttt	tgggttaata	actactacat	tgaattgcat	gttaagggtg	agaaataata	2640
cattaaaaga	ttttcacttt	aaattaatta	gtaatatgta	gcgctcacc	tgtgcgtggc	2700
cttgtgctaa	ccattagcac	tgcatacttt	caattctttt	ataagggcat	tcaatactac	2760
aaaatcaaca	tgatttcata	aggtgcaaat	aaaagtttgt	gacagattta	atataatttt	2820
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tcagcctccc	aaagagctgg	gattacaggt	gtgagctacc	gcgcctggcc	atgatgatat	3240
tattaaacac	cattattcac	atttcaaata	ataacaatac	tttttgtttt	tcaaaaataa	3300
aatgcaatgt	tataaaagc	tataaactaa	gttctttatg	atatttgagc	aacaactcag	3360
gaatataaca	tataaggag	atgttaattt	aaaaatttcc	actacactta	ttatctatta	3420
accaaagctt	aaaattttgt	attcttctgt	tagataagac	cttttaccca	tttaatttgt	3480
ctttaaggac	agtcatttgg	cttctgaatg	tttgaacga	ttttaaaaaa	taagtagtgc	3540
tatggttggt	tctataattc	taacctttga	tagtaatcag	aatgtattac	atttcatttc	3600
tgaatagctt	ttgaatttat	gaaaaattat	taacaatgaa	aaattggtaa	ttttattaag	3660
ttatatgtgt	ttaaatatta	tattagctta	tttctcttgc	attaatagta	ctgctgtttt	3720
ttgttttgct	tctttatatt	tatgtctagc	ttttatatgt	aatttatctt	agtgtttata	3780
aatgtgatt	tgtaataaat	gttggttaaaa	tgaaaatgga	aaaaaa		3826

<210> 8192

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(1169)

<223> similar to gil480112 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8192

gtacacccac	cgggtcgacg	atttcgtcta	gcggcggcgg	gagcggcgcc	gttggccgtt	60
tggcacgcgg	gcgccaggac	cggccgaacg	cagagggtga	ttcttcacca	caactgaaacc	120
attaggaaaa	atccttggtg	ttaacagcag	aggcttcaga	gtgtaacctg	tactcgggcc	180
tagaaattat	ttaaaatggc	gactgatacg	tctcaagggtg	aactcgtcca	tcctaaggca	240
ctcccactta	tagtaggagc	tcagctgac	cacgcggaca	agttagggtga	gaaggtagaa	300
gatagcacca	tgccgattcg	tcgaactgtg	aattctaccc	gggaaactcc	tcccaaaagc	360
aagcttgctg	aaggggagga	agaaaagcca	gaaccagaca	taagttcaga	ggaatctgtc	420
tccactgtag	aagaacaaga	gaatgaaact	ccacctgcta	cttcgagtga	ggcagagcag	480
ccaaaggggg	aacctgagaa	tgaagagaa	gaagaaaata	agtcttctga	ggaaacccaa	540
aaggatgaga	aagatcagtc	taaagaaaag	gagaagaaa	tgaaaaaac	aattccttcc	600
tgggctaccc	tttctgccag	ccagctagcc	agggcccaga	aacaaacacc	gatggcttct	660
tcccacgctc	ccaagatgga	tgcaatctta	actgaggcca	ttaaggcatg	cttcagaag	720
agtgggtgcat	cagtgggtgc	tattcgaaaa	tacatcatcc	ataagtatcc	ttctctggag	780
ctggagagaa	ggggttatct	ccttaaaca	gcactgaaaa	gagaattaaa	tagaggagtc	840
atcaaacagg	ttaaaggaaa	agggtcttct	ggaagttttg	ttgtgggttca	gaaatcaaga	900
aaaacacctc	agaaatccag	aaacagaaa	aataggagct	ctgcagtgga	tccagaacca	960
caagtaaaat	tggaggatgt	cctcccactg	gcctttactc	gcctttgtga	acctaagaa	1020
gcttcctaca	gtctcatcag	gaaatatgtg	tctcagtatt	atcctaagct	tagagtggac	1080
atcaggcctc	agctgttgaa	gaacgctctg	cagagagcag	tagagagggg	ccagttagaa	1140
cagataactg	gcaaagggtg	ttcggggaca	ttccagctga	agaaatcagg	ggagaaaccc	1200
ctgcttggtg	gaagcctgat	ggaatatgca	atcttgctcg	ccattgctgc	catgaatgag	1260
ccgaagacct	gctctaccac	tgctctgaag	aagtatgtcc	tagagaatca	cccaggaacc	1320
aattctaact	atcaaatgca	tttgctgaaa	aaaaccctgc	agaaatgcga	aaagaatggg	1380
tggatggaac	agatctctgg	gaaaggggtc	agtggcacct	tccagctctg	ttttccctat	1440
tatcccagcc	caggagttct	gtttccgaag	aaagagccag	atgattctag	agatgaggat	1500
gaagatgaag	atgagtcac	agaagaagac	tctgaggatg	aagagccgcc	acctaagaga	1560
aggttgcaga	agaaaacccc	agccaagtcc	ccagggaagg	ccgcatctgt	gaagcagaga	1620
gggtccaaac	ctgcacctaa	agtctcagct	gccagcggg	ggaaagctag	gcccttgctc	1680
aagaaagcac	ctcctaaggc	caaaacgcct	gccaagaaga	ccagaccctc	atccacagtc	1740
atcaagaaac	ctagtgggtg	ctcctcaaag	aagcctgcaa	ccagtgcgaag	aaaggagtaa	1800
atttgccggc	aaggcaaatc	cacatgaag	aggtctt			1837

<210> 8193

<211> 1042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (923)...(418)

<223> similar to gi3790173 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8193
tttttttttt ttgcccacct aatgcccttt cccagggcag ttttaattggt atcatttgta 60
aaaaggtctt ttccatcacc cccaaagcct ttgcattccc tttccaagaa gggggctggt 120
aactggtttg ggcccatg gcaacagtag gccttggtat gaggtgcca taacactccc 180
atgggacact ccagggtgac atccaagtgc aagtctatgt tcagctctgg gacagcaggg 240
gggaaggtga ggagagtcag gtctgtaaat tgaagctggg cagggccctg gctgggctgg 300
gagatgtgtg gggcaaggtg agcaggcccc atgttgccacc ccagcttcca gtgcccactg 360
atgtggctga agcccagggt gggtgtggtc actttgcctt cagaggaagg tctggcgggc 420
tctgactgct gctgggggtg ggctggggcc ctctccgccg ccgtctggca ccaccactgg 480
gccggccccg actccgccgc tgcgcttg ttggggggga gccctgctga gaatttgag 540
aactgcttga ctgccgacgg cgacggcagc taccctctgt cctctttgaa gagctggagg 600
tgccatagct atagcgttct ggagacactg gccggcgccg cttgcgcgcc aggtgcggca 660
gcaggtcgtg gcgggccagc acgcgcagga gttgccccag cagccgcagg ttgctctcgt 720
cgactgccc gcggcgctcc agctccagca ggagctttag gccgtgcgg gcccgggata 780
agcctccggc ggcgccagga gcctcatcca gcagaaaggc caggagctcc agctcgact 840
cggtcagttg cccgcccacc acctcgaaca tacggtgaag cgacagcatc ccgtagtagt 900
ccaggcactc atcctcctcc cagcacgggg ccgggggtcga cccggatagc gccattcccg 960
ggggaggagg gcggaacaag ctcagaaccc ggccagattc tggcgtccga tgactcctgg 1020
gcgacggccg cagccacttg tt 1042

<210> 8194
<211> 800
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (162)...(37)
<223> similar to gil072242 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8194
cttccatcca tccaccatc caccatcca tccatccacc caccatcca tccatccatc 60
catccatcca tccatccatc catccacca cccatccatc catccatcca tccatctgtg 120
gcttctacct gtgcgaatct ctgtgctaca aaattctttt caatttagca ttaactttaa 180
tttccataca gttggcacct cactgccgcc aaaagttagt ccgcaggaac tccactggaa 240
tatttgctca ggggaaacta actaatcatc tgtttcaagg ttggtattca ttttagtctt 300
tgacctctga ttatggggac tttcagggaa agctgtttgc aaggtgagca tgaatcaggt 360
gaaacagcaa gatctgaagt caggacagag taagcaaatt atccacagac ctaatatgta 420
ccctctgaag ctggaaagtg ggggccacct ggtagcattt gagcaggggt cacttatggt 480
cccccataag tctgcacagc tcctaaacaa ggtccagtg ggcacttat ttttatgtgg 540
gtccctttat aggcattgctg ttaaggggtg cataaccaca ggccagttga ggaaggggaa 600
cctactggga ttttaaccag tgacattata taagcaatcg cttggagcca cataggtagt 660
tcgcaggtcc tgaatatgtg gtgcctgaaa gcataggtgt aggcagtgtt cattgcatag 720
gcattagctg gacaggtttt tttccatatt ggcacttatt aattgacaag gtcaggggtac 780

acttccaatg agtgtaggga

800

<210> 8195

<211> 1290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(763)

<223> similar to gi34838 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8195

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ggctcctatt	tcttctactt	ggatggggaa	aatgttactc	tgacagccatt	agaagtggca	120
gaaggctctc	ctttgtatcc	agggagtgat	ggtaccttgt	ccccctgcc	ggaccaaattg	180
cccccggaag	cggggagcga	cagcagcgga	gaggaacatg	tcctggcgcc	cccgggcctg	240
cagcctccac	actgccccgg	ccagtgtctg	atctgggctt	gcaagacctg	caagagaaaa	300
tctgccccca	ctgaccggcg	aaaagccgcc	accctgcgcg	aaaggaggag	gctaaagaaa	360
atcaacgagg	ccttcgaggc	actgaagcgg	cgaactgtgg	ccaaccccaa	ccagaggctg	420
cccaagggtg	agattctgcg	gagcgccatc	agctatatgt	agcggctgca	ggacctgctg	480
caccggctgg	atcagcagga	gaagatgcag	gagctggggg	tggacccctt	cagctacaga	540
cccaaacaag	aaaatcttga	gggtgcggat	ttcctgcgca	cctgcagctc	ccagtggcca	600
agtgtttccg	atcattccag	ggggctcgtg	ataacggcta	aggaaggagg	agcaagtatt	660
gattcgctcag	cctcgagtag	ccttcgatgc	ctttcttcca	tcgtggacag	tatttcctcg	720
gaggaacgca	aactcccctg	cgtggaggaa	gtggtggaga	agtaactgag	cctgcgcttg	780
agaccttctc	cacgcagcag	gaagatccca	ccgacccttc	ctggcctaata	ccttttagatt	840
aggtcacatt	acattaacat	ttaggaaccc	agaccgaaaa	gttgctgaaa	gggaaggaga	900
cacattcaca	aagaaaagtt	gcgaaaattg	cgaaatctgt	tgtgcatgct	caaataaaaa	960
cgcctttcgg	ctttgggctt	ttatTTTTTT	ggaactgcga	gtggcttagg	tctagcctca	1020
ttttgttttt	gtttggttgg	ttttatacta	tattaaacttt	tattacgggtg	atcctttttgt	1080
gccatgttca	aaagaagttc	attcctgtct	aaagtgggaa	agttgcattt	aatgttaggg	1140
gtatttaatg	tatttttcta	aatagtttag	cactttcttt	ttttacgtaa	acctgaaata	1200
tatttttaaat	gtggaatgat	gtatataaaa	tgtgctgagg	atcctggtat	tgtaatatta	1260
aaaagaagtt	tctatatgaa	aaaaaaaaaa				1290

<210> 8196

<211> 2190

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (373)...(1381)

<223> similar to gi2088669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8196

gaagacattt	tccccgcaca	actgctaaag	ctccagagac	acgagcgtgt	gtggcagcaa	60
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agggagtgga	ctgaccaggg	ccaagtggcg	ctcggcgggc	actacatggc	ggaggggtgaa	180
gggtacttcg	ccatgtctga	ggacgagctg	gcctgcagcc	cctacatccc	cctaggcggc	240
gacttcggcg	gcggcgactt	cggcggcggc	gacttcggcg	gcggcgactt	cggcggcggc	300
gacttcggcg	gtggcggcag	cttcgggtggg	cattgcttgg	actattgcga	aagccctacg	360
gcgcactgca	atgtgtctgaa	ctgggagcaa	gtgcagcggc	tggacggcat	cctgagcgag	420
accattccga	ttcacgggcg	cggaacttc	cccacgctcg	agctgcagcc	gagcctgac	480
gtgaaggtgg	tgcggcggcg	cctggccgag	aagcgcattg	gcgtccgcga	cgtgcgcctc	540
aacggctcgg	cagccagcca	tgtcctgcac	caggacagcg	gcctgggcta	caaggacctg	600
gacctcatct	tctgcgccga	cctgcgcggg	gaaggggagt	ttcagactgt	gaaggacgtc	660
gtgctggact	gcctgtttgga	cttcttacc	gaggggggtga	acaaagagaa	gatcacacca	720
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tccctccgga	ggcagtttga	attcagtgt	gattcttttc	aaatcaaatt	agactctctt	900
ctgctctttt	atgaatgttc	agagaaccca	atgactgaga	catttcaccc	cacaataatc	960
ggggagagcg	tctatggcga	tttccaggaa	gcctttgatc	acctttgtaa	caagatcatt	1020
gccaccagga	acccagagga	aatccgaggg	ggaggcctgc	ttaagtactg	caacctcttg	1080
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aggtttttca	tgcatttctc	agacattgga	gagcagcaga	gaaaactgga	gtcctatttg	1200
cagaaccact	ttgtgggatt	ggaagaccgc	aagtatgagt	atctcatgac	ccttcatgga	1260
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attgcacagg	ttcagccagt	attcacgtgc	cagcaacaga	cctactccac	ttggctaccc	1500
tgcaattaag	aatcatttaa	aaatgtcctg	tggggaagcc	atttcagaca	agacaggaga	1560
gaaaaaaaaa	aaaaggaaaa	aaaaaagagg	gatccagccc	ttattaggga	tgtgttttgt	1620
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gaagaaatgt	gtgatgacaa	tatgggtttg	ctgtatctgc	tcccatagct	ttgccaatag	1860
aaaaaaaaaa	gtggaaagtt	tcttttaaga	tgggaattcat	aaaagggaaa	atacggagga	1920
aaaaaggtct	cactccaact	tgtgaatcag	tttaggagtt	cagatattaa	tagtaacaat	1980
acaggaaaaa	ggggaactcc	aacgttggga	ttactgtctg	aggctttag	caagtgcctt	2040
ctgtggaatg	atcttgtttt	gctaacaac	ggcttgcctc	aaatgaacag	tagtaggttg	2100
gtgcagttct	cgtaacaatc	agcagaactt	atgatgacac	aatccattaa	ttccagctgc	2160
gggcatagat	cacattttta	aaatgtaaaa				2190

<210> 8197

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(945)

<223> similar to gi3252824 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8197
ggcctcgtgc cagacccggc ggcggacggc ggctctcgac tccggagagc ggatcgcggg 60
gcgcaggagc ccgatcgcg c tggccatggc ctccaacttt aacgacatag tcaagcaggg 120
ctacgtgaaa atccgcagca ggaagcttgg gattttcaga cgatgctggt tggttttcaa 180
gaaggcttct agcaaaggac ccagaagggt agaaaaattt ccagatgaaa aggcagctta 240
tttcagaaac tttcataagg taactgaact gcacaatatc aaaaatataa ccagactgcc 300
ccgagagaca aagaagcatg cgggtggcaat catctttcac gatgaaacat cgaagacatt 360
tgctgtgtgag tcagagctgg aggccgagga gtggtgcaag cacctctgca tggagtgtct 420
ggggaccagg ctcaatgaca tcagccttgg ggagcccgac cttctggccg caggagtgc 480
gcgggaacag aatgagagat tcaacgtgta tcttatgcct acgccaacc tggatattta 540
tgggtgaatgc acaatgcaga tcaactcatga aaatatctat ctctgggata tccacaatgc 600
caaggtcaaa ctggtgatgt ggcctctcag ctcaactgagg agatacggtc gggactcaac 660
gtggttcacg tttgagtcag gaagaatgtg tgacacagga gaaggactat tcaacttttca 720
aacaagggaa ggagaaatga tctatcagaa gggtcattct gcgacactgg ccatagctga 780
gcaacatgaa agattaatgc tagaaatgga acagaaggcc cggcttcaga caagcttgac 840
tgaaccaatg acattatcca aatcaatatc tcttcctcgc agcgcgtact ggcatcacat 900
cactcgtcag aacagcgttg gtgaaatcta cagtttgcaa ggaaatcatg aaaaatcggca 960
ctccgattta acaggaaga gttgcaagac atccgagaac agatttcttg aagaaaatgc 1020
acccttggtt atgtatggca tcaactacca tctgttcacg gatacttcta catgcaaaagt 1080
tgtacatgac ttggaataaa ccagctctag ttttatcatc aaa 1123

<210> 8198
<211> 2608
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (92)...(1101)
<223> similar to gil785643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8198
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agcggagccc tgggctgggg caggagccgc aatgtctcag gctgtgcaga caaacggaac 120
tcaaccatta agcaaaacat gggaactcag tttatatgag ttacaacgaa cacctcagga 180
ggcaataaca gatggcttag aaattgtggt ttcacctcga agtctacaca gtgaattaat 240
gtgcccaatt tgtttggata tgttgaagaa caccatgact acaaaggagt gtttacatcg 300
tttttgtgca gactgcatca tcacagccct tagaagtggc acaaagaat gtcctacctg 360
tcggaaaaaa ctagtttcca aaagatcact aaggccagac ccaaactttg atgcactcat 420
cagcaaaatt tatccaagtc gtgatgagta tgaagctcat caagagagag tattagccag 480
gatcaacaag cacaataatc agcaagcact cagtcacagc attgaggaag gactgaagat 540
acaggccatg aacagactgc agcgaaggca gaaacaacag attgaaaatg gtagtggagc 600
agaagataat ggtgacagtt cactactgcag taatgcatcc acacatagca atcaggaagc 660
aggccctagt aacaaacgga ccaaaacatc tgatgattct gggctagaga ttgataataa 720


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caatgcagca atggcaattg atccagtaat ggatgggtgct agtgaaattg aattagttatt 780
caggcctcat cccacactta tggaaaaaga tgacagtgc cagacgagat acataaagac 840
ttctggtaac gccactgttg atcacttatc caagtatctg gctgtgaggt tagctttaga 900
agaacttcga agcaaagggtg aatcaaacca gatgaacctt gatacagcca gtgagaagca 960
gtataccatt tatatagcaa cagccagtgg ccagttcact gtattaaatg gctctttttc 1020
tttggaattg gtcagtgcga aatactggaa agtgaacaaa cccatggaac tttattacgc 1080
acctacaaag gagcacaat gagcctttta aaaccaattc tgagactgaa cttttttata 1140
gcctatttct ttaatatata agatgtactg gcattacttt tatggacaga tcttgatat 1200
gttggtcaat tttctttctg agccagacta gtttacgcta ttcaaactct tttcccttta 1260
tttaagattt cctttttgga agggactgca attattcagt atttttttct ttcctttaaa 1320
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agcaccattt tgacccagga atttttcata gtttctgtat tcttataaga ttcagtggc 1440
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attcttttca tgggtattttc ttccataata tctcatttta aaaagaagtt ctttatgaac 1680
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tttgagagtg cttttttttg tattagttct gctgtcactt catttcctgt attatatgtg 1920
atgtttttcc ccattaaaat accagagata atggagatat tttgcacttt agccttgatg 1980
aaaagtacaa gatatgttca aagcttccct aatttttttc ttatttgtag ccacataagt 2040
ttcaagaata acatggcaca cagaacaatg gaaaaaagtt tctttccatt ggaaaattat 2100
atcatttttg gttgccacat cagtttataa atttggcgct cttttaatta cactctgtag 2160
aagggttaata gagcttgagc cctgctttta tatgtagtga aagataattc tgtagaaaaa 2220
cgtcagccag tagggtaag tcatctact gttcctaatt tttatattga ggaacaatat 2280
tgggtgtttg ggagccagaa agctttgttg acagatcaaa aataagattg acttgggtgt 2340
tatatttcat ctctctccag actctaggta tatttccaac tttatatatc acagtattta 2400
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cagtaccttt gtaactaaag tctgtctagt cattgtaaat atttatctgt cagttttgac 2520
agattggggc cagcttgatg ttttaaatct tcagcccggt atgaaactta aaggtatata 2580
ttcaattttt taccatttta tggaaaat 2608

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<210> 8199

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (496)...(1851)

<223> similar to gi2224689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8199

```

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tcagcgagga ccgttagcag caacagcttc tgctcagatg acacaggctg gcctagcagc 120
cagtcagtgt ctctgtgaa gacaccctca gatgctggaa acagcccat tggcttttgc 180
cctggaagtg atgaaggctt caccagaaag aaatgcacga ttggaatggt tgggaagga 240
agcattcagt cctctcgata taagaaggaa tcaaagtcag gccttgtgaa accaggtagt 300

```

gaagctgatt	ttagctcctc	gagcagcaca	ggcagcattt	ccgctcctga	ggtccatatg	360
tcgactgcgg	gaagcaagcg	gtcttcttct	tcacgcaatc	gaggtcctca	tgggcggagt	420
aatggagctt	cgtcacacaa	gcctggcagc	agcccatcat	ccccgcggga	aaaggacctt	480
ctgtccatgc	tgtgcaggaa	tcagctgagc	cctgtcaata	tccatcccag	ttatgcacct	540
tcttccccaa	gcagtagcaa	ctcaggctcc	tacaaaggaa	gcgactgtag	ccccatcatg	600
aggcgttctg	gaaggtagat	gtcttgccgt	gaaaatcatg	gtgtcagacc	cccaaaccac	660
gagcagtatt	tgactccact	gcagcagaaa	gaggtgacag	tgagacacct	caaaaccaag	720
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cggagcagct	tggctgataa	agataaaggc	attcagaaat	atthttgtgga	cataaacatc	960
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tgactatat	ttagttgaag	cctgttcact	gtttaaaacc	ggagggtatc	tcaaaggcat	2040
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gccgtgtcgt	ctgaggtacc	cgttcttata	ctagtgggtc	aggaagagaa	aacgcagttt	2160
gcactttcaa	gacagcttct	ctaaggctgg	catgttatct	ccttgctttg	ctttttgccc	2220
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atgtactaac	ttatthttgt	tatttatatat	agtgtthttat	tggaaattht	aaccacacac	2520
ttcagcatga	tgaataataa	gatttagtgt	tccatthtaa	taaatgttht	atcctcccat	2580
aaaataataa	ttatthctgt	gattthtact	ctatgtataa	gaaagacaat	gaatagcaga	2640
tcttacatct	ttatcaatag	ggggtctgta	aaaattgaat	taaattagga	agagggaaaa	2700
agagttagtt	attaaagaaa	atgaagatth	cctaccctta	cttaaaaagc	atcattthctg	2760
aataaaagta	gatttgthta	ctthtaaaaa	aaaaa			2795

<210> 8200

<211> 2198

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(1810)

<223> similar to gi5678940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8200
ctcgttagtg cccctgtgt ttggggcccc gtgatctcaa cggtcctgcc ctccgtctcc 60
ctcttcccc gccccgcctt gggccagggtg ttccaatccc gactccagaa ctggcgccgt 120
cccagtccc cgggcgtgga gcgcgggagg acccgccctc gggctcatgg cggccccggt 180
ccgcctgggc cggaagcgcc cgctgcctgc ctgtcccaac ccgctcttcg ttccgttggt 240
gaccgagtgg cgggacgagg cgacccgcag caggcaccgc acgcgcttcg tatttcagaa 300
ggcgctgcgt tccctccgac ggtacccact gccgctgcgc agcgggaagg aagctaagat 360
cctacagcac ttccgagacg ggctctgccg gatgctggac gagcggtgc agcgccaccg 420
aacatcgggc ggtgacatg ccccggaactc accatctgga gagaacagtc cagccccgca 480
ggggcgactt gcggaagtcc aggactcttc catgccagtt cctgcccagc ccaaagcggg 540
aggctctggc agctactggc cagctcggca ctcaggagcc cgagtgtatc tgctggtgct 600
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gacccagag ggccctggagc tggccagaa gttggccgag tcagaaggcc tgagcttgct 840
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tgagatgtt gtgtgggtgg ctcaggagac caatcctaga gaccagcaa accctgggga 1140
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ccacacccta cgcagccgcc cctggggaac ccctgggaac cctgaatcag gggccatgac 1500
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gaataaggcc cagtccgtgc gagaagtgtt tgcccgagc ctgatgcagg tgcgcggagt 1620
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cgcctatgat gcctgtgcca cccccaagga acaagagaca ctgctgagca ccattaagt 1740
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cccaaccag gctagccagc cttttaacaa catcttttg ggtacaatta gaatctaagt 1920
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aggaaccagg gataccatct ggtccagtgg tttttaacaa aagctgctta gcacctggaa 2040
ttccctggtc agggagatgg agtcagtggg gcattgcagc ttggaatcta ttttatgtca 2100
ccagttggtc ctcataaat aaaatttct taggagtgc gagggctcat tgggaaata 2160
aaaataataa aaataaataa aacttcctaa aagaaaaa 2198

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<210> 8201

<211> 2244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(2227)

<223> similar to gi35495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8201
ctccccgcc cgacatggt agtgttcaat ggccttctta agatcaaaat ctgagaggcc 60
gtgagcttga agcccacagc ctggtcgctg cgccatgcgg tgggaccccg gccgcagact 120
ttccttctcg acccctacat tgccctcaat gtggacgact cgcgcacgag ccaaacggcc 180
accaagcaga agaccaacag cccggcctgg cacgacgagt tcgtcaccga tgtgtgcaac 240
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gccaaactgca ccatccagtt tgaggagctg ctgcagaacg ggagccgcca cttcgaggac 360
tggattgata tggagccaga aggaagagtg tatgtgatca tcgatctctc agggtcgtcg 420
ggtgaagccc cttaaagacaa tgaagagcgt gtgttcaggg aacgcatgcg gccgaggaag 480
cggcaggggg cgcgcaggcg cagggtccat cagggtcaacg gccacaagtt catggccacc 540
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cggttcagcg tcaacatgcc ccacaagttc ggtatccaca actacaaggt ccctaccttc 780
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tgcaaaatga atgttcaccg tcgatgtgag accaacgtgg ctcccaactg tggagtggat 900
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agctcaccat ctgaggaaga tcgatccaag tcagcaccca cctccccttg tgaccaggaa 1080
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aataattttg accaagactt taccgggaa gagccggtac tcacccttgt ggacgaagca 2160
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<210> 8202
<211> 4223
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (314)...(2035)
<223> similar to gi3882171 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 8202

ctcagggagg	gcaggagagc	ctgaggagtg	gcgggggccgc	cagataatag	attctaagga	60
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aaaaggttgt	aatgggagag	ttgttcctac	tgatgggggc	agatatgatg	ttcattttggg	180
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gtgggttttac	aagggggaca	aagacaataa	gtatgttccc	tactcggaga	gcttcagcca	300
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atctcccaac	agagaaatta	ttatttttaca	caatccaaag	cttatgggtgc	attaccagcc	420
agttgcaggg	tctgatgatt	gggggttcaac	acccatggag	caggggtcgac	caagaactgt	480
gaagagagga	gttgagaaca	tctctgttga	cattcattgt	ggagaacctt	tacaaataga	540
tcacttggtt	tttgtagtcc	atgggattgg	accagcttgt	gatctccgct	ttcgaagcat	600
tgtacagtgt	gttaatgatt	ttcgcagtgt	ttccttgaac	ttgctacaga	cacattttta	660
gaaagcccaa	gaaaatcagc	agattgggag	ggtagaattd	cttccagtca	actggcacag	720
tcctttgcat	tctactgggtg	tggtatgtaga	tctgcagcga	ataaccctgc	ccagcattaa	780
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tgtcacctgc	catttctact	tgagctaagg	tagtattgtg	tatcctcttd	ccttcttagg	3000
tatccataat	ccacaaagca	tattttaaaag	gctcttggca	cgggcagcat	tggttgagca	3060

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caggcgagct gtggtttatt gtttataaat ttttttataa atgttatggg attcaaagcc 3420
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ggggtatagg tcaggcctgg cttttctttg tcatctgctt atagtctagt gctaagtatg 3600
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aaactttagt aaataactaaa atg 4223

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<210> 8203
<211> 1207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(923)
<223> similar to gil330394 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8203
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ggggatctaa gcttcatttt caatggggat ggggcgcctt ctgaatcttt tgtagtatta 180
gacaatgaac aaaaagttta tcagcgaata catcatgagg aatcagagat ggaaacagaa 240
gaagaggtgg atattttaat gagcagtgat atttactctg caactttatc aacaaaatca 300
atctctttca cgcgtgcccc gacaggatgg ctttttcggg aagataaaac agaaagagta 360
ggaaactttt tggcagactt ttacctggtg aatggacttg ttttagaatc aaggaaaaga 420
agagaacatc tcagtgaaga ggatattctt cgaaataagg ccatcatgga gagttagagt 480
aaaggtggaa acataatgga acagaatttt gagccgattc gaagacagtc tcttacacct 540
cctcctcaga acactattac atgggaagaa tatatatctg ctgaaaatgg aaaagctcct 600
catctgggta gagaattggt gtgcaaagag agtaagaaaa cgtttaaagc tacgatagcc 660
atgagccagg aatttccctt agggatagag ttattattga atgtttttaga agtagtagct 720
cccttcaagc actttaacaa gcttagagaa tttgttcaga tgaagcttcc tccaggcttt 780
cctgtaaaat tagatatacc tgtgtttccc acaatcacag ccatgtgac ttttcaggag 840
tttcgatacg atgaatttga tggctccatc tttactatac ctgatgacta caaggaagac 900
ccaagccgtt ttctctgatc ttaactgacg tggaaaagga tgccgtctaa ccaaggaag 960
aaaatacaga gaccctagaa gtggatccaa atagaaggga caaatgcttt cagtgaagaa 1020

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aaggggaatta	cacattgaat	ccgacacatc	agtaataaccg	atacagtga	atgggcctct	1080
aataagaatt	tcagcgagtt	ttctgatgtg	ccattttttg	tcttttttaa	aatatacata	1140
ttataaatgt	aatagtttga	cacattaatg	accctaagac	ctgcgtatgt	ggaagcagct	1200
atgagtgt						1207

<210> 8204
 <211> 1479
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (316)...(817)
 <223> similar to gi722379 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8204						
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gggagggatg	cgccggcacc	cgcggcgagt	cagcccagcg	gctgcgggaa	acacaactcg	120
ccggagagga	aagtttatat	ggactataat	gcaacgactc	ccctggagcc	agaagttatc	180
caggccatga	ccaaggccat	gtgggaaagc	tggggaaaatc	ccagcagccc	gtattcagca	240
ggaagaaagg	ccaaggatat	tataaatgca	gctcgggaaa	gcctcgcgaa	gatgataagg	300
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acacgcctcg	tgaccatcat	gctggccaac	aatgagactg	gcattgtcat	gcctgtccct	660
gaaatcagtc	agcgcattaa	agccctgaac	caggaacggg	tggcagctgg	gctacctccc	720
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agcaaccctc	catgaaccac	agctacattg	gttcccccat	gtcccctgct	gtcaccctct	1440
gtatgcggcc	gctctagaga	atccacgcag	cgtctgcgt			1479

<210> 8205
 <211> 1617
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1618)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (377)...(80)

<223> similar to gil694828 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8205

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ttggccagct	ccccaatcaa	tctccagtag	tcattgaact	tgagctccga	gtcctgattc	180
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tgtctggtaa	ccagctcttt	gaactcggtg	acgctgaggc	tatccttccg	gccctcctgc	300
cttgcaaagg	tgaagaaggt	ggtgaccacg	gtctcaatgg	actcctctag	ctctgtcagt	360
ggttctgctg	ccattaggac	cctgaggcca	aagctgatgt	cctcaagggg	ctagctgacc	420
tttgtcaggg	ctgacctgtg	gaagagagaa	ggagcagaga	gggagagtca	gggagcccca	480
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cgggctcaac	cagcacagcc	agccacaggt	actgcaagaa	acagcttggg	gtaagacatc	1560
cagtgtccct	cccaggacct	ccttccccgg	aaanccaccn	cgcggtttta	cgaaggt	1618

<210> 8206

<211> 4569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (428)...(3224)

<223> similar to gi4454261 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8206

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accagcggcc	ccgcctgtgc	cctctctgcc	cgggcgcccc	agacgcatcc	tcgcggggtc	180
tcctcggcct	gacctgtcca	ggtcaagatc	ctctttgcac	cccccttaagt	ggtgactttt	240
ccccggggcca	gtgggcgagc	cacttgcggc	gggcgtctgc	acccctgct	tcaccgtcgt	300
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gtccccgctg	gaactgcccc	ctcggtctcc	ccgggagcgg	ggcccaggcc	agtcgggcgt	420
tcccgccatg	agccagagcc	cggcggtcgg	gccccggagg	ggcagttctc	cccggggcgc	480
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agaacttagc	aatgaactgg	cagttctggc	caatattgag	aaagagttca	agaatgacta	1380
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cggtcgcccc	aatctcagcc	gtttaaaact	tgccattaaa	tatgaagtaa	aaaaatttgt	1560
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caaggaaatat	ttgtttgagt	tgtggaacat	gcttgatttt	ggtatgttag	caattttcgc	2040
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tgacgcaaat	gatactttga	aggacttgac	gaaagtaaca	ttgggagaca	atgtgaaata	2160
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cctttcaaaa	ttatcacttg	acaaaaaaca	ggttgggcac	aataaacaac	caagtataag	2940
gagctcagaa	gatttccatc	taaatagttt	caataatcct	ccaagacaat	atcagaaaaat	3000

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aatgaaaagg ctcattaaaa gatatgtact gcaggcccag atagataagg agagtgatga 3060
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ccttgaagaa aaatctcaga atacagaaga cctagcagaa cttattagag aacttggaga 3180
gaaattatcc atggaaccaa atcaagagga aaccaataga taatgcgaag acttccttag 3240
aaattcatat ttatttgtcc acttgaagcc atattatatt ctgatttatt ttcttaagtg 3300
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cttaaagatg aaatggttgc agaaaatctg tttagctcca actttggctt aatttaaadc 4500
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taccggggg 4569

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<210> 8207
<211> 2256
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2257)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1072)...(916)
<223> similar to gi2274972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8207
tttttttttaa aatttttaaat ccgtttacta cacttgagtt gatcttaaaa ataatatcaa 60
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gtgaatttaa aaaatacatt tttctttcaa taattatatt atgttctaaa tgaggtaaaa 180
tttataaaat ctgcattaaa gtaaggtaga gggcactctg gtgataacaa cgatgaggtt 240
tatttttgtc aaaacatcca agggaaatat taattgttgt ttgtcaactg tgaacttcac 300

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actacattgt	ctaaggatag	aaaattgatg	ggtatcactc	tgtcagaaaa	tcctcaccaa	360
gaagccaatt	caaggaatat	gaaattgaca	agcctttcaa	acaaagatgt	gttcggactt	420
cactgatgcg	atggtaggtc	ttttgggtta	caatagatag	ggatgatata	aaacacaatc	480
ttttcctgtc	tattccattt	tagaaaaccg	tgggtgtgct	cacgtttgtc	tgggcattgc	540
agcactgcac	acatacatga	attaagcaaa	gcatcgaaaa	gtattgacac	atgagactaa	600
aataaataag	agaaacgagc	tgctctttat	acctagaaat	agctggaaat	tactgaaaaa	660
aattaaagt	cagaggtttt	catttttagca	ccatgaattg	tgatgaaatc	ccatttctct	720
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ccgatcgggt	ggcgcccggc	ggccccgaac	attaacgaca	cccgggagcc	tggcctcgaa	2160
gctcaggccc	gtgaacagac	tccaactaca	acagcaccgg	cgacttccaa	agagcgaatt	2220
ccccgcncct	cggagggtct	caatctcgat	gggcgg			2256

<210> 8208

<211> 1715

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (331)...(1074)

<223> similar to gi5911886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8208

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ttgtacattg	ccattccatt	tctcatcaaa	ctatgtcctg	gaatacaggc	caaactgatt	180
ttcttgaatt	tcgtaagagt	tccctatttc	attgatttga	aaaaaccaca	ggatcaaggt	240

ttgaatcaca	cgtgtaacta	ctacctgcag	ccagaggaag	acgtgaccat	tggagtctgg	300
cacaccgtcc	ctgcagtctg	gtggaagaac	gcccaggca	aagaccagat	gtggtatgag	360
gatgccttgg	cttccagcca	ccctatcatt	ctgtacctgc	atgggaacgc	aggtaccaga	420
ggaggcgacc	accgcgtgga	gctttacaag	gtgctgagtt	cccttgggta	ccatgtggtc	480
acctttgact	acagaggttg	gggtgactca	gtgggaacgc	catctgagcg	gggcatgacc	540
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atctggggcc	actctctggg	cactggcggtg	gcgacaaatc	tgggtgcggcg	cctctgtgag	660
cgagagacgc	ctccagatgc	ccttatattg	gaatctccat	tactaataat	ccgcgaagaa	720
gctaagagcc	atccattttc	agtgatatat	cgatacttcc	ctgggtttga	ctggttcttc	780
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tgcacttcct	cccctttcac	ctacctgtac	acctaacctg	gccttagact	gagctttatt	1680
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<210> 8209

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (399)...(2216)

<223> similar to gi2792364 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8209

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atcatcaaac	attgcagcta	cgactacctg	tcatttatcc	cgctctcgga	tatcatgtga	180
tatttgtctg	tgtcttcttt	ttaaaaacac	tgtcgtcata	tttgtggtct	aatacttggt	240
ttcttcccc	ctaggaggaa	tcattataga	ttctaaaaat	atattttccc	ttctctgtgg	300
acttgggtata	aaacgtagct	ttttttctgc	ttggatttat	tttctaaaaa	tcaacaccgt	360
aaacccatat	cagatacaac	aaaattgggg	tagttaaaac	catgagttgt	ggaaatgagt	420
ttgtggaaac	attaaaaaaa	attgggttatc	ccaaagctga	taatcttaat	ggagaagact	480
ttgactgggt	gtttgagggc	gttgaagatg	aatcgtttct	gaagtgggtt	tgtgggaatg	540
tgaatgaaca	gaacgtgttg	tctgaaagag	aattggaagc	ttttagcatt	cttcagaaat	600
caggcaagcc	tattctagaa	ggggcggcac	tggatgaagc	tcttaaaacg	tgtaaaactt	660
ctgatttgaa	gacacctaga	ctggatgata	aagagctgga	gaaattagag	gatgaggttc	720

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aaactctact gaaattaaag aacctaataaa ttcagcgacg taataaatgt caattgatgg 780
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agctgaagca gagtcaagga attctaaatg caatgatcac taagatcagt aatgaacttc 900
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aaacactact aaatttttaa aaa 2303

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<210> 8210

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (365)...(540)

<223> similar to gil9917 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8210

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ttcctaggca aggccgtgaa agngctgggt caggagaagt tggcagagcc ctggaagggtg 180
tacctgcgca ggtttggtac aaaggacttc tgtgacggcc agtgtgactt cctccacaag 240
gccacttcc actgcgtggt ggaggaatgc ggcgcgctct tcagcacctt ggacggggcc 300

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atcaagcacg	caaacttcca	cttccggaca	gagggaggag	cagcaaaagg	aaacacagag	360
gctgcctttc	cggcctcggc	cgccgagacc	aaacctccca	tggccccctc	gtccccctcg	420
gtccctcctg	tcaccacggc	cacggtgtcc	tctctggagg	ggcccgtctc	cagcccggcc	480
tccgtgccct	ccacccccac	cctgctcgcc	tggaagcagc	tggtctccac	cataccccag	540
atgcctcaga	tcccagcgtc	agtgcctcac	ctgcccgcct	cgcccttggc	aacgacttct	600
ctagagaacg	ccaagcccca	ggtaaaccac	ggattcctcc	agttccagga	gaacgatcct	660
tgctcgcca	cggactgcaa	gtacgccaac	aagttccact	tccactgtct	ctatgggaac	720
tgcaagtacg	tctgcaaaac	gtctggcaag	gccgaatccc	actgcctgga	ccaca	775

<210> 8211
 <211> 4458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (215)...(2987)
 <223> similar to gi4240301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gacagtgaag	gcatacgctc	gcgtgctgga	cttgacaaag	aagcccttcc	ttgccaata	360
cttccccctt	atggacctga	agctccgagc	agcctccccg	atcattacat	tggtggccct	420
tgatgaagcc	cttgacaact	acaccatcac	attcctcatc	cgcggtgtgg	ccatcggcc	480
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agaagcagaa	caaatattaa	tgtcgcccaa	ctcatatata	aagctgcaga	caaacaggga	1260
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gacactgctc	cgtgtgtggg	acgcaaagca	cccgggcctc	tccgacttca	tgccccctgc	1740

tgctctacag	gccatctccc	cagagctgtc	tggggccatg	gtggtggggg	acgtgctctg	1800
tctggccact	gttctgacca	gcctggaagg	cctctcagga	acctggagct	cctcggccaa	1860
cagcatcctc	cacatcgacc	ccaagacggg	tgtggctgtg	gcccgggccc	tgggatccgt	1920
gacggtttac	tatgaggctg	ctgggcacct	gaggacctac	aaggaggtgg	tggtcagcgt	1980
ccctcagagg	atcatggccc	gtcacctcca	ccccatccag	accagcttcc	aggaggctac	2040
agcctccaaa	gtgattgttg	ccgtgggaga	cagaagctct	aacctgagag	gcgagtgcac	2100
ccccacccag	agggaagtca	tccaggcctt	gcacccagag	accctcatca	gctgccagtc	2160
ccagttcaag	ccggccgtct	ttgatttccc	atctcaagat	gtgttcaccg	tggagccaca	2220
gtttgacact	gctctcggcc	agtacttctg	ctcaatcaca	atgcacaggc	tgacggacaa	2280
gcagcggaa	gacctgagca	tgaagaagac	agctctggtg	gtcagtgcct	ccctctccag	2340
cagccacttc	tccacagagc	agggtggggc	cgagggtccc	ttcagcccag	gtctcttcgc	2400
cgaccaggct	gaaatccttt	tgagcaacca	ctacaccagt	tccgagatca	gggtctttgg	2460
tgccccggag	gttctggaga	acttgagggt	gaaatccggg	tccccggccg	tgctggcatt	2520
cgcaaaggag	aagtcttttg	ggtggcccag	cttcatcaca	tacacggtcg	gcgtcttgga	2580
cccccgggct	ggcagccaag	ggcctctgtc	cactaccttg	accttctcca	gccccgtgac	2640
caaccaagcc	attgccatcc	cagtgcacgt	ggcttttgtg	gtggatcgcc	gtgggcccgg	2700
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cagccctccc	tcagggtctg	ggagcccagc	ctatgcctcc	cactaggccg	cgtgaagggt	3000
cccgagggat	gggtctcagc	cgagcctcgt	gcacccccaa	gatggaacat	ccctgctgca	3060
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taaatgtgtg	tttttttcc	ttcaagtctt	acaaagctaa	gacttttttg	ctcattcctt	3240
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gaacacagga	gctcacccag	ggctgctgcc	caaccatggg	ccactgtgaa	cagacttcag	3660
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agactcatgc	ccatggccat	ccatgcgtgg	acgctgtgtg	gagagtccag	gatgacggga	4260
tcccgcaaaa	gtcccttcca	gtccttcagg	gctgggcat	gtggttgatt	tttctaaagc	4320
tggagaaaag	aagaaattgt	gccttgcata	ttactttgag	cttaaacttg	acaacctggg	4380
atgtaaatag	gagcctttta	actggtttat	ttaataaagt	tctattgggtg	attttttaaa	4440
aaaaaaaaac	ctcgtgcc					4458

<210> 8212
 <211> 1598
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (45)...(1100)
 <223> similar to gi202402 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8212

gcggccgcag	ccgctgcccc	gggcccggcg	cccgcggcg	caccatgagt	ccccgctcgt	60
gcctgcgttc	gctgcgcctc	ctcgtcttcg	ccgtcttctc	agccgcccgc	agcaactggc	120
tgtacctggc	caagctgtcg	tcggtgggga	gcatctcaga	ggaggagacg	tgcgagaaac	180
tcaagggcct	gatccagagg	caggtgcaga	tgtgcaagcg	gaacctggaa	gtcatggact	240
cggcgcgcg	cggcgcgcag	ctggccattg	aggagtgcga	gtaccagttc	cggaaaccggc	300
gctggaactg	ctccacactc	gactccttgc	ccgtcttcg	caaggtggta	acgcaaggga	360
ctcgggaggc	ggccttcgtg	tacgccatct	cttcggcagg	tgtggccttt	gcagtgcgc	420
gggcgtgcag	cagtggggag	ctggagaagt	gcggctgtga	caggacagtg	catgggggtca	480
gcccacaggg	cttcagtggt	tcaggatgct	ctgacaacat	cgcctacggt	gtggccttct	540
cacagtcgtt	tgtggatgtg	cgggagagaa	gcaagggggc	ctcgtccagc	agagccctca	600
tgaacctcca	caacaatgag	gccggcagga	aggccatcct	gacacacatg	cgggtggaat	660
gcaagtgcc	cgggggtgtca	ggctcctgtg	aggtaaagac	gtgctggcga	gccgtgccgc	720
ccttcgcgca	ggtgggtcac	gactgaagg	agaagtttga	tggtgccact	gaggtggagc	780
cacgccgcgt	gggctcctcc	agggcactgg	tgccacgcaa	cgcacagttc	aagccgcaca	840
cagatgagga	cctggtgtac	ttggagccta	gccccgactt	ctgtgagcag	gacatgcgca	900
gcggcgtgct	gggcacgagg	ggccgcacat	gcaacaagac	gtccaaggcc	atcgacggct	960
gtgagctgct	gtgctgtggc	cgcggcttcc	acacggcgca	ggtggagctg	gctgaacgct	1020
gcagctgcaa	attccactgg	tgtgcttcg	tcaagtgcgc	gcagtgccag	cggctcgtgg	1080
agttgcacac	gtgcccgatga	ccgcctgcct	agccctgcgc	cggcaaccac	ctagtggccc	1140
agggaaggcc	gataatttaa	acagtctccc	accacctacc	ccaagagata	ctggttggtat	1200
tttttgttct	ggtttggttt	ttgggtcctc	atgttattta	ttgccgaaac	caggcaggca	1260
accccaaggg	caccaaccag	ggcctcccca	aagcctgggc	ctttgtggct	gccactgacc	1320
aaagggacct	tgctcgtgcc	gctggctgcc	cgcagtgggc	tgccactgac	cactcagttg	1380
ttatctgtgt	ccgtttttct	acttcagac	ctaaggtgga	gtaacaagga	gtattaccac	1440
cacatggcta	ctgaccgtgt	catcggggaa	gagggggcct	tatggcaggg	aaaataggta	1500
ccgacttgat	ggaagtcaca	ccctctggaa	aaaaagaact	cttaactctc	cagcacacat	1560
acacatggac	tcctggcagc	ttgagcctaa	aagccatg			1598

<210> 8213

<211> 1385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1326)...(883)

<223> similar to gi4868140 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8213

tttttttttt	ttagagttgt	gagtgaattg	cattttttatt	tacgtttaag	agtctctctc	60
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cctccttgtg ttctagtctg tgaatggctc acacttggac ttagttagg ctcctatggg 120
aggagcgggc ggtagtgaga atcttcatca aatggagtaa catgacccaa atctctagag 180
gtttcataat tttgctcttg cttctgaaaa cataatcatc tcttatgggg tggtatgtgc 240
tttgatatcct gaaattttcc acttgctgct tcttggtgtg aggcgagaaa tgccaccacg 300
tggcactgca ggaggagact ggtggaagcc acagggctag gccttcaact cccagtgcac 360
ctgttcccaa ttcctccag gataagctga gactcctcag gatgtgggtt tgcagcagat 420
gaggtgcgaa caaagcctgc tctgccctgg gcacccagga tggcactgag ttctaaaagg 480
caaagggat gtggtgaggg gccaggtga ggccctggtg tggtaaccatc atgggcagca 540
gcaccatttg aggcgggta ggagagacgt gcagggcctg gcccccaag agaccagcag 600
acaaactgag gcggcagaga gagagattcc agtgtcacca ggaagactgc agatcataac 660
aacaatgggt gctgatttgg catcaaagag gtggcactgt caaagccgta attgctgaaa 720
atggcaccaa catgctgcag ctggagagag tgggtgacca acatttggtt gaagaacaga 780
tgatgctctt tgaatggctc agccaacagc ccaaagtttt aagggaagac ctctctgcc 840
gcttctcttg gacagtgtct catgtaaaac ctccaaggca cttacatagc atatttttgt 900
gtccactctc ttgctagtct gttgtacttc tctctgtcgg cctttaggt gtgtgctatc 960
tctggcacca gggggtcatc ggggttgggg tcgcagagca gcgagcagat ggacaagaga 1020
acttttgaca cagtcaacgc tggagaccac tgagaccgca ggatatcaag gcagatgctg 1080
ccattgctgt tgatattagg gtgataaatt ttggttgtga aagcaacctt tgggggcttg 1140
aacgggtaat ctgtaggaaa gtggatggtc aggaagaaaa cacctccttg gtaaggactg 1200
tcattcgggc ccattgatgg ggccctgccag tgggaacaagt catcacccgac aggtcctgca 1260
gaacactggg caggaggatc cctctgcaag tcggttaatt ccttctggat ccgctttagc 1320
gccatcctac ccgctgccg gggacccggg cggcccggcc ggggctgcct gaggcggccc 1385
gctgc

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<210> 8214
<211> 1790
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (986)...(1426)
<223> similar to gi5701854 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8214
ttatttcaaa gatgagaaat atttgtttgg atatctatga ctgtctgttt atactgtaag 60
gggcttaatc agcagctcca tcttttagtt ttagttctaa aggaaaagta gcctaaagtc 120
agtataacta aaggggtgga cgaggtggga caaggtccgg aattgctgct cagtgatgtg 180
tgtgtgcctg ccgctgggtg agctgagact gctcatctca gaaggatggg gatgcttgat 240
ttcctggcca ggttgtccca gcacagtggg gattggccct gttgtatgac gaagacagca 300
catggtggca gagatagata ctaacccatg gactttccaa gggagggaat aggtcttttg 360
agggtatgca agacaaaggt agacactgga taaagaaccc ggtagtgcc aggtattacc 420
ccatctgggc cattactccc acactcagga accagacggt gtgggtgagg acatgctgtc 480
cctcctgcca agtaataact tcttccag ccaggatcct gcccgaagta ggaatatagc 540
tctgcattta cagcagctcc tgcacagacc ttgtcaaaac caccctgcag cttaggatta 600
aggagcatgg tcacaggaag gtgggggttc agggcatccc ctccaggaact gccatctcc 660
ccagaattcc aaaatgaagg tccatatgct tgtaggtgtg ctggtcatgg cgggcttcac 720
agtaggaaag ggtaagtggg gccagggggc agggaggagg gaaggggtaa ctgagtccag 780
gaaggggggt gagcgtggcc atggataatc gggcttccca ctggcccagg gtatttgaga 840

```

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gtgacccagt gcctccatcc ctcccttctgc ctccccagat cctgttccccg acatccggac 900
gtgccacttc tgccctcgtag aagacccttc tgtaggatgc atttcaggct cagagaagtg 960
taccatcagc agctcatccc tgtgcatggg gatcaccatc tattatgatg tcaaggttcg 1020
cttcatcggt cgaggctgtg gacagtacat ttccctaccgc tgccaagaaa aacgcaacac 1080
ctactttgca gagtactggg atcaggccca gtgctgtcag tacgattatt gcaactcctg 1140
gtcaagcccc caactccaga gctctctgcc ggagcccat gacaggcccc tggccctgcc 1200
tctgtctgac tcccagattc agtggttcta ccaggccctg aacctctccc tggccctccc 1260
caatttccat gctgggacgg agcctgatgg cctggacccc atggtcacac tgtccctgaa 1320
cctgggcttg tcttttgctg agctgcgccg catgtacttg ttccctcaata gttcaggact 1380
tttggttctt cccagggctg gactcttgac acctcacctc tctgaattc cacagtcaa 1440
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gactccgtct ccaaaaaaaaaa ggatgaggaa tagaattctg tgcagatgtc ctgacttggc 1560
aattttgtgt ccctgcctca ctgtctccac caacccccgc ctgtccctagt gttgttctgc 1620
ctcctgtcct ctcttgctct cttgtcagtc tctggcttcc tccggcccat ttcacttcac 1680
tgagtccctga caccatctc cctaggggcc tgtgagagga gagggaaggg tctgttctgc 1740
tcagctccat gtccccatt ttccctccaca ataaaactgg ggactgggct 1790

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<210> 8215
<211> 1166
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1073)...(594)
<223> similar to gi4588130 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8215
tttttttttt ttacagaatt ccccaaactt taatgctgtg ctctgaaaag ggaggctgga 60
ggttgtgggt ggtcacagtg ttgctgacac ctctggcctc cagccctgca tccctaggca 120
ccatgtgacc aggcagtgag aaggacgggg cctcactccc atgccagact gctcctcggg 180
ctgagcagga cctgaagctc tcagggtctc caccaaagcc cagcaaactt gggggaggcc 240
tgagggggga tcagcagtc tttaaaggcct gagcttgcaa cactcaggca ggactcggct 300
gagggcctct gtggtgccac catggggtag gaggtaaaga gagaccctgg ttccagcctg 360
ggaaccagtg ggtgccctga agggagggga ggcctcaggg agttcgggac aggagtgtgc 420
atgggtactg gcgggcccatg ggggctcctg gcctcttggt tcaggcaatc cctgagctgg 480
ggacacattc catcttaggt ccaagagacg gaggtcagga gcatccctag aacgacctcc 540
caggcacgag gaaggccccg ggcagggccg ggcgcagcgt ggctggcttc agtaccctcg 600
ggcatcttga ctctgcccct ctgggactgc aaagggatct gcgggcgcct ctgctgagtc 660
aatcgtctgg taggcactac ggtcctgaga agacccaagg aaaccagtgt ggaccaggag 720
ctaccccccg cgctcccggg acatgtggta gacgaagcag caggagagcg gcttgagcag 780
caagctgagg atggccatgc ccacgcaaaa gcggcccggt tccgtgaggc tgaccgcggy 840
gtagaagatg ctgatgtgca cgatgtccag gaagatggtg gccagcaagc caccagaaa 900
catgcttatg gcgtcgatgg agtcccgtg agccacagcc cacacgcccc aggccaggat 960
ggtgaagttg gccaggcat aggagcctga gaatacaatg cagccccagg ttgtcagcag 1020
ccagtacctt aggagaatca ccttcagggt cacagcaggc agctccatcc cgactcaggc 1080
cgagggcacc tgcgcgcgag ccgcgggggg ctccctaggct ccgaactcgg ggaacaaact 1140
tgccccggcc cgccccggcc gttgcy 1166

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<210> 8216
 <211> 2135
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (993)...(1922)
 <223> similar to gi5533379 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8216

gcccggaatt	cccggtcgac	gatttcgtac	gagactgacc	cggacttagg	cgttccgcct	60
ggcccggcgg	cggtgaaaaa	aggcagtttt	gaagcattta	gtggcaaaag	gggtaggaga	120
cggtctctga	agtgtctact	acattcaggg	gacctggaag	gcttccagat	atccgcaatg	180
aacaatgaaa	agaaattgtg	aaagaaggcg	cttcctcaa	gccggaacta	atgaactcct	240
gggtcacgtg	gtgcgcacgc	gccaaaggca	cacgataaag	gaaaacgcgg	gcttatcgtg	300
gcctttaaaa	tccggcttgg	tgagcttggg	tcgcctctga	aggagaacca	ttttccatct	360
ctttcatagt	tttttcccc	agtcagcgtg	gtagcgggat	tctccgcggc	agtgcagta	420
attgtttttg	cctctttagc	caagacttcc	gccctcgatc	aagatggtgg	ttggacggcc	480
ttcctaacct	ttacggggcc	tggcgggtgct	gacgcctgag	ctggtagggg	tggagcaggt	540
aggaaacagc	aaatgcagaa	gctgctgcgc	ggaagtcggc	catggactgg	aaagaagttc	600
ttcgtcggcg	cctagcgcag	cccaacacct	gtccaaacaa	aaaaaaaagt	gaacaagaat	660
taaaagatga	agaaatggat	ttattttaca	aatattactc	cgaatggaaa	ggaggtagaa	720
aaaacacaaa	tgaattctat	aagaccattc	cccggtttta	ttataggctg	cctgctgaaa	780
atgaagtctt	actacagaaa	ttaagagagg	aatcaagagc	tgtctttcta	caaagaaaaa	840
gcagagaact	gttagataat	gaagaattac	agaacttatg	gtttttgctg	gacaaacacc	900
agacaccacc	tatgattgga	gaggaagcga	tgatcaatta	cgaaaacttt	ttgaaggttg	960
gtgaaaaggc	tggagcaaag	tgcaagcaat	ttttcacagc	aaaagtcttt	gctaaactcc	1020
ttcatacaga	ttcatatgga	agaattttcca	tcatgcagtt	ctttaattat	gtcatgagaa	1080
aagtttggct	tcatacaaca	agaataggac	tcagtttata	tgatgtcgct	gggcaggggt	1140
accttcggga	atctgattta	gaaaactaca	tattggaact	tatccctacg	ttgccacaat	1200
tagatggtct	ggaaaaatct	ttctactcct	tttatgtttg	tacagcagtt	aggaagttct	1260
tcttcttttt	agatccttta	agaacaggaa	agataaaaaat	tcaagatatt	ttagcatgca	1320
gcttcctaga	tgattttattg	gagctaaggg	atgagggaact	gtccaaggag	agtcaagaaa	1380
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aagatcacaa	tggcatgctc	agtaaagaag	aactctcacg	ctatggaaca	gctaccatga	1500
ccaatgtctt	cttagaccgt	gttttccagg	agtgtctcac	ttatgatgga	gaaatggact	1560
ataagacct	cttggacttt	gtccttgcat	tagaaaacag	aaaggaaact	gcagctctac	1620
aatatatttt	caaactgctt	gatattgaga	acaaaggata	cctgaatgtc	ttttcactta	1680
attatttctt	tagggccata	caggaactaa	tgaaaatcca	tggacaagat	cctgtttcat	1740
ttcaagatgt	caaggatgaa	atctttgaca	tggtaaaacc	aaaggatcct	ttgaaaatct	1800
ctcttcagga	tttaatcaac	agtaatcaag	gagacacagt	aaccaccatt	ctaatcgatt	1860
tgaatggctt	ctggacttac	gagaacagag	aggctcttgt	tgcaaatgac	agtgaaaact	1920
ctgcagacct	tgatgatata	tgatctctga	aagactagac	tgtcttatat	tatgagatac	1980
ttgaatgctg	catgtaaagc	ctttaaagca	aaatcctcag	aaatgggtcta	aataaaaacac	2040
ttgatatgcc	tagagaacac	agcaaatgtt	ttggttactg	gaattttggg	tgcaatagtt	2100
tagaagcaat	aggaccaa	attgcttggt	aggag			2135

<210> 8217
 <211> 1481
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (224)...(955)
 <223> similar to gi4176448 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8217
 ggccgcaggg cctccgtccg aggtggtgaa tcaagattcc ttgtttcctg agccccgagcc 60
 gggcccccgc cccaggtgc ttctggggcc tcagggcccc ggccctcatca aaggggttgc 120
 acctcccacc ctcatcaccg actccacagg gacccacctt gtccctaccg tgaccaataa 180
 aaatgcacac agccctggcc tgtccagagg gagcccccaa cagccctcgt cccagcctgg 240
 ctctccagcg cctgccccct ctgcccagat ggacctggag caccactgc agccccctctt 300
 tgggaccccc acttctctgc tgaagaagga accacctggc tatgaggaag ccatgagcca 360
 gcagcccaaa cagcaggaaa atggttcctc aagccagcag atggacgacc tgtttgacat 420
 tctcattcag agcggagaaa ttccagcaga ttcaaggag ccgccatccc tgccagggaa 480
 ggagaagcca tcccgaaga cagtctgttg gtccccctg gcagcacagc catcaccttc 540
 tgctgagctc cccaggtcg cccacctcc tccaggtca cctccctcc ctggacgcct 600
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 caccatgggc ctggacctgg ctgatggcca cctggacagc atggactggc tggagctgtc 840
 gtcaggtggt cccgtgctga gcttagcccc cctcagcacc acagccccc gacctctctc 900
 cacagacttc ctgatggcc atgatttgca gctgcactgg gattcctgct tgtagctctc 960
 tggctcaaga cggggtgggg aaggggctgg gagccagggc actccaatgc gtggctctcc 1020
 tgcgtgattc ggccctctca catggttgtg agtcttgaca atcacagccc ctgctttttc 1080
 ccttccctgg gaggetagaa cagagaagcc cttactcctg gttcagtgc acgcagggca 1140
 gaggagagca gctgtcaaga agcagccctg gctctcacgc tggggttttg gacacacggc 1200
 cagggtcagg gccatttcag cttgacctcc ttttttgagg tcagggggca ctgtctgtct 1260
 ggctacaatt tggctaaggc aggtgaagcc tggccaggcg ggaggcttct cttctgacct 1320
 agggctgaga caggttaagg ggtgaatctc ctctcttct ctccctgctt tgctgtgaag 1380
 ggagaaatta gcctgggcct ctaccccta ttccctgtgt ctgccaacct caggatccca 1440
 gggctccctg ccatatttag tgtctttgtg tagtgtaacc a 1481

<210> 8218
 <211> 1260
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (393)...(1200)
 <223> similar to gi3876107 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 8218
cccacgcgtc cgggagagggc cgcggccccc tcccgttgcc tgcggccacc ggccggcatt    60
cagagcccct cgcctggcgc taaattttaa aacgtaacac gagcagcagg ctggtctcgg    120
aaacgaaacg aaattcggtc cctgggcctc ctcccgggcg ctgccggtcc ctcagcgcgc    180
cgcgccaccc ggaacagacc cttctcccg ctttttcggc ggggctggga gactgaggcc    240
cgcggcgcgt agcctgcggc gccccggaag aggcgggcgg catggccgct ggcgaggact    300
gcgggggacg ggttgccgcc cggcagcacg tgttcctggt ttcagaatat ttaaaagatg    360
cttcaaagaa gatgaaaaat gggctaattg ttgtaaaact ggtaaacccc tgttcaggag    420
aaggagccat ttacttggtc aatatgtgtc tacagcagct gtttgaagta aaagttttca    480
aggaaaaaca ccattcttgg tttataaatc aatcagttca atcaggaggc cttctccatt    540
ttgccacacc tgtggatcct ctatttctgc ttctccacta cctcataaag gctgataagg    600
aggggaagtt tcagcccctt gatcaagttg tgggtggataa cgtgtttcca aattgcatct    660
tgttgctgaa acttcctgga cttgagaagt tacttcatca tgtgacagag gaaaaaggta    720
atccagaaat agacaacaag aaatattaca agtacagcaa agagaagaca ttaaagtggc    780
tggaaaaaaa ggttaatcaa actgtggcag cattaataac caataatgtg aatgtcagtt    840
cccgggtaca gtcaactgca ttttctctg gtgaccaagc ttccactgac aaggaaggag    900
attatatctg ttatgcccac ggtctgatat ctgactacat ccctaaagaa ttaagtgatg    960
acttatctaa atacttaaa cttccagaac cttcagcctc attgccaaat cctccatcaa   1020
agaaaataaa gttatcagat gagcctgtag aagcaaaaga agattacact aagttaata   1080
ctaaagattt gaagactgaa aagaaaaata gcaaaatgac tgcagctcag aaggctttgg   1140
ctaaagttga caagagtgga atgaaaagta ttgatacctt tttttggggg aaaaaataaa   1200
aaaaaaaaat ggaaagggtt gaaactttga aaataaaatc tagcaaaaat aaaaaaaaaa   1260

```

```

<210> 8219
<211> 656
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (61)...(246)
<223> similar to gi4585827 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8219
tcgacccacg cgtccgccc cgcgtccgcg caggagctaa cgcaggggga atccttgacg    60
gtgggagcat ttcagagcgc acaagccatg gtggccaaac agcggatccg gatggctaac    120
gagaagcaca gcaaaaacat caccatagg gggaacgtag caaaaccctt gaggccgcaa    180
gaggagaaat atcctgtggg accatggctg ttggcactgt ttgtttttgt tgtctgtggc    240
tcagggtcaac cacataaatt ggcctctcct ggagactgcc agaactttct caaagttgta    300
acatccagag ggagtcaccc ccccccaag accggcaact gagatgttta aaggaactgg    360
ctggccctga aggaaagact gaggccattc atctgctctg gagttcatcc tcgggatctg    420
agatgcacag cctgaagaca tctcatcagc catcagctcc cttaagggtga cctgtagcct    480
cctttgtgcc ctgggggcat ttgggattgt gtagaggctc tctctcagaa gcatctttct    540
gttattttta tgcggataga aagctttaca ttctttgcta ataacatctg ggttttaata    600

```

gcgcctcctt gccctgcctg tctccggcat ctctcttttt tccctcttct ccatct

656

<210> 8220

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (495)...(141)

<223> similar to gi5419988 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8220

tttttttttt	ttacagtttg	aacatttatt	cgctcctga	gcttgtaaa	cagtcgtggg	60
agttgctgca	gaagcaagcg	aaaagccaga	tgagcgcttc	taaacttaga	gagagggtgag	120
taaggcttgt	ggcgatcac	ttgtcggctg	gggcctcttt	ggcctcttcc	cagaggatgt	180
cctgaagaaa	cttccccagg	gcctggctgt	gctgctggtg	ctgaaccctt	gacagcttga	240
ttccaacatc	aaagggggcg	ttgaaccgga	cttccagttc	atcctctgcc	ccttctgctt	300
gacctccatc	ttccggggcg	agccagcctg	ctagagctcg	gggctgcagc	ttggctgggtg	360
gcttcttcga	ctcctttctc	tgctggactc	tctggtgttc	agggctcagg	aagctggagc	420
ctgccatggc	caagtccagc	cagagcatgc	cgaggagcag	gaggctgcag	acggtccctg	480
gggagggcat	ggcctcagct	gggttgacga	caggtgggc			519

<210> 8221

<211> 4285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(1727)

<223> similar to gil209752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8221

cttcctctgc	caccatcggg	gaactgggct	gtgaatgagg	ggctctccat	ttttgtcatt	60
ctggtttggc	tggggttgaa	cgtcttcctc	tttgtctggt	attaccgggt	ttatgatatt	120
ccacctaaagt	tcttttacac	aagaaaactt	cttgggtcag	cactggcact	ggccagggcc	180
cctgcagcct	gcctgaattt	caactgcatg	ctgattctct	tgccagtctg	tcgaaatctg	240
ctgtccttcc	tcaggggttc	cagtgcgtgc	tgctcaacaa	gagttcgaag	acaactggac	300
aggaatctca	cctttcataa	aatggtggca	tggatgattg	cacttcactc	tgcgattcac	360
accattgcac	atctatttaa	tgtggaatgg	tgtgtgaatg	cccaggtcaa	taattctgat	420

ccttattcag	tagcactctc	tgaacttggg	gacaggcaaa	atgaaagtta	tctcaatttt	480
gctcgaaaga	gaataaagaa	ccctgaagga	ggcctgtacc	tggctgtgac	cctgttggca	540
ggcatcactg	gagttgtcat	cacgctgtgc	ctcataattaa	ttatcacttc	ctccacccaaa	600
accatccgga	ggtcttactt	tgaagtcttt	tggtagacac	atcatctctt	tgtgatcttc	660
ttcattggcc	ttgccatcca	tggagctgaa	cgaattgtac	gtgggcagac	cgagagaggt	720
ttggctgtgc	ataatataac	agtttgtgaa	caaaaaatct	cagaatgggg	aaaaataaag	780
gaatgcccaa	tccctcagtt	tgctggaaac	cctcctatga	cttggaaatg	gatagtgggt	840
cccatgtttc	tgtatctctg	tgagaggttg	gtgcggtttt	ggcgtatctca	acagaagggtg	900
gtcatcacca	aggtggtcac	tcaccctttc	aaaaccatcg	agctacagat	gaagaagaag	960
gggttcaaaa	tggagtgagg	acaatacatt	tttgtcaagt	gcccaaagggt	gtccaaagctg	1020
gagtggcacc	cttttacact	gacatccgcc	ctgaggaag	acttcttttag	tatccatatac	1080
cgcatcggtg	gggactggac	agaggggctg	ttcaatgctt	gtggctgtga	taagcaggag	1140
tttcaagatg	cgtggaaaact	acctaagata	gcggttgatg	ggcccttttg	cactgcaggt	1200
gaagatgtgt	tcagctatga	ggtggtgatg	ttagtgggag	cagggattgg	ggtcacacccc	1260
ttcgcaccca	ttctcaagtc	agtctggtac	aaatattgca	ataacgccac	caatctgaag	1320
ctcaaaaaga	tctacttcta	ctggctgtgc	cgggacacac	atgcctttga	gtggtttgca	1380
gatctgctgc	aactgctgga	gagccagatg	caggaaagga	acaatgccgg	cttcctcagc	1440
tacaacatct	acctcactgg	ctgggatgag	tctcaggcca	atcactttgc	tgtgcacccat	1500
gatgaggaga	aagatgtgat	cacaggcctg	aaacaaaaga	ctttgtatgg	acggcccaac	1560
tgggataaatg	aattcaagac	aattgcaagt	caacacccta	ataccagaat	aggagttttc	1620
ctctgtggac	ctgaagcctt	ggctgaaacc	ctgagtaaac	aaagcatctc	caactctgag	1680
tctggccctc	ggggagtgca	tttcatTTTT	aacaaggaaa	acttctaact	tgtctcttcc	1740
atgaggaaat	aaatgtgggt	tgtgctgcca	aatgctcaaa	taatgctaata	tgataatata	1800
aataccccct	gcttaaaaaat	ggacaaaaag	aaactataat	gtaatggttt	tcccttaaaag	1860
gaatgtcaaa	gattgtttga	tagtgataag	ttacatttat	gtggagctct	atggttttga	1920
gagcaactttt	acaaacatta	tttcatTTTT	ttcctctcag	taatgtcagt	ggaagttagg	1980
gaaaagatttc	ttggactcaa	ttttagaatc	aaaagggaaa	ggatcaaaaag	gttcagtaac	2040
ttccctaaga	ttatgaaact	gtgaccagat	ctagcccatc	ttactccagg	tttgatactc	2100
tttccacaat	actgagctgc	ctcagaatcc	tcaaaatcag	tttttatatt	ccccaaaaga	2160
agaaggaaac	caaggagtag	ctatatattt	ctactttgtg	tcatttttgc	catcattatt	2220
atcatactga	aggaaatttt	ccagatcatt	aggacataat	acatgttgag	agtgtctcaa	2280
cacttagtag	tgacagtatt	gacatctgag	catactccag	tttactaata	cagcagggtta	2340
actgggccag	atgttctttc	tacagaagaa	tattggattg	attggagtta	atgtaatact	2400
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gaatgaattt	agaaccacac	aatgccaaaga	tagaattaat	ttaaagcctt	aaacaaaatt	2520
tatctaaaga	aataacttct	attactgtca	tagaccaaaag	gaatctgatt	ctccctagggt	2580
tcaagaacag	gctaaggata	ctaaccaata	ggattgcctg	aaggggttctg	cacattctta	2640
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gtcttctcca	gctagccctt	atgaatattg	aacttaggaa	ttgtgacaaa	tatgtatctg	2820
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tggatcgcat	ctgtgtgact	aatggtttat	ttgtattata	tcatcatcat	catcctaaaa	2940
ttaacaaccc	agaaacaaaa	atctctatac	agagactcaa	ttcacactca	atagtatgtt	3000
ctgaatatata	gttcaagaga	gagtctctaa	atcactgtta	gtgtggccaa	gagcagggtt	3060
ttctttttgt	tcttagaact	gctcccatTT	ctgggaacta	aaaccagttt	tatttgcccc	3120
accccttgga	gccacaaatg	tttagaactc	ttcaacttcg	gtaatgagga	agaaggagaa	3180
agagctgggg	gaagggcaga	agactggttt	aggaggaaaa	ggaaataagg	agaaaagaga	3240
atgggagagt	gagagaaaat	aaaaaaggca	aaagggagag	agaggggaag	gggttctcat	3300
attggtcatt	ccctgcccc	gatttcttaa	agtttgatat	gtatagaata	taattgaagg	3360
aggatacac	atattgatgt	tgttttgatt	atctatggta	ttgaatcttt	taaaatctgg	3420
tcacaaaattt	tgatgctgag	ggggattatt	caagggacta	ggatgaacta	aataagaact	3480
cagttgttct	ttgtcatact	actattcctt	tcgtctccca	gaatcctcag	ggcactgagg	3540
gtaggtctga	caaataaggc	ctgctgtgctg	aatatagcct	ttctgaaatg	taccaggatg	3600
gtttctgctt	agagacactt	aggtccagcc	tgttcacact	gcacctcagg	tatcaattca	3660
tctattcaac	agatatttat	tgtgttatta	ctatgagtca	ggctctgttt	attgtttcaa	3720
ttcttttacac	caaagtatga	actggagagg	gtacctcagt	tataaggagt	ctgagaatat	3780
tggccctttc	taacctatgt	gcataattaa	aaccagcttc	atttgttgct	ccgagagtgt	3840


```

attctgcctt caatttgctg cacagctttg caccaccttc tatgccacct tttcttgatc 1560
tagaaagtga ttctgctctc ttgatcagtt ccttggtat ggcgattcgt tcacagagca 1620
tggaatgtgc agacatgctg tcagcattat tcctttccag cagcgccaga accgagcg 1680
cgagcacgca ggcgcgtgca cgcagaggcc gggaccgcc gggaaatctc aaccgggcag 1740
ccccacccc gctcgaacgc cgaggcggct ccaccgcgc gagccacgaa atcgtcgagn 1800
nnnnattccg gaccagagcc tc 1822

```

```

<210> 8224
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (212)...(414)
<223> similar to gi36870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8224
tttcgtcttt ccagacaaag acaagtgaca agaatttttag gtttaaaaag caaccagatt 60
catctcagca gctttttag ttttaaataa gcaaggagtt tctccagcga aacttcctca 120
cacctcttgg tcttggtctc ttccagacact ttcttctctg ttctctggag atcttgacga 180
aaagagcctg cagtgtttcc cttgctcagc catgctcctg gagcttatcc cactgctggg 240
gatacatctt gtcttgagaa ctgccagagc ccagtcagtg acccagcctg acatccacat 300
cactgtctct gaaggagcct cactggagtt gagatgtaac tattcctatg gggcaacacc 360
ttatctcttc tggatggaaa gaactgttga agaagctttt atacttcttg tttgcttgaa 420
gccttgagg gtagcaagta gtctggagaa aaaggagaag gaggatgaat ctttccagct 480
gctacttggc tcacgtata atgtattaaa ggcacactgt cttctacctt tgataagatg 540
gctaacttca ggtgactcac tggtatcagc tcagccacat tgcccacagg gactgtgatg 600
ggcaacttat gcgaatctta aaggagggtc ctgcagcatg agaggcttct ccagcgccg 660
gtcctgcag tgcaccaca ccagggttct gcgctgtaca gtggccagca gtgtcctcca 720
gcacttccat ttttgctggt ta 742

```

```

<210> 8225
<211> 1503
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (376)...(1105)
<223> similar to gi4884372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400>	8225					
tttcgtctgg	agagcccggg	gggggtgaag	tacactgcgc	ttataaaact	ctagcaggaa	60
gctagcagct	gtctccaaac	ccagagaagg	ggaaacagga	atcgattagg	aataaaggat	120
tataatccac	tttctttctg	aggaaaagct	gggaaccttc	tcatttttgc	ttatgaaaac	180
taagctgaat	cgactgctgc	caaacatcta	ttaggcaaaa	ttggcctctt	gcccatgatt	240
tgactttcca	gcacagccag	ttctttttct	cctctgcagc	tgattggctc	tggagtgtgg	300
ccagaagcct	ctctcctgca	attaaaggag	tccgggtctct	aactgttgat	ctgttttttt	360
cccttctgag	caatggagct	taccatcttt	atcctgagac	tggccattta	catcctgaca	420
tttcccttgt	acctgctgaa	ctttctgggc	ttgtggagct	ggatatgcaa	aaaatggttc	480
ccctacttct	tggtgaggtt	cactgtgata	tacaacgaac	agatggcaag	caagaagcgg	540
gagctcttca	gtaacctgca	ggagtttgcg	ggccccctcg	ggaaactctc	cctgctggaa	600
gtgggctgtg	gcacgggggc	caacttcaag	ttctaccac	ctgggtgcag	ggtgacctgt	660
attgacccca	accccaactt	tgagaagttt	ttgatcaaga	gcatgacaga	gaaccgacac	720
ctgcagtttg	agcgccttgt	ggtagctgcc	ggggagaaca	tgccaccaggt	ggctgatggc	780
tctgtggatg	tggtgggtctg	caccctgggtg	ctgtgctctg	tgaagaacca	ggagcggatt	840
ctccgcgagg	tgtgcagagt	gctgagaccg	ggaggggctt	tctattttcat	ggagcatgtg	900
gcagctgagt	gttcgacttg	gaattacttc	tggcaacaag	tcctggatcc	tgcttggcac	960
cttctgtttg	atgggtgcaa	cctgaccaga	gagagctgga	aggccctgga	gcggggccagc	1020
ttctctaagc	tgaagctgca	gcacatccag	gccccactgt	cctgggagtt	ggtgcgccct	1080
catactctatg	gatatgctgt	gaaatagtgt	gagctggcag	ttaagagctg	aatggctcaa	1140
agaatttaaa	gcttcagttt	tacatttaaa	atgctaagtg	ggagaagaga	aacctttttt	1200
ttggggggcg	gttttttttg	tttgttggtg	gttttttttt	ttttttttggc	aggaagaggg	1260
agttttgctc	ttgttgccca	ggctggagtg	cagtggcgtg	atctccgctc	actgcaacct	1320
ccacctcgcg	ggtttaggcg	attcttctgc	ctcagcctcc	ctggtgcctg	tgggtcccagg	1380
tacttggggg	gctgaggcag	gagaatctct	tgaaccacaga	aggcgaaggt	tgcaagtgaac	1440
cgagatcgtg	ccgttgtact	ctggccctggg	tgacaagagc	aagactccgt	ctcaaaaaaa	1500
aaa						1503

```
<210> 8226
<211> 1678
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (406)...(896)
<223> similar to gi3132471 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8226							
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cggatctgct	gtcagtcagc	gggaacagac	ttctccctct	ccatctggtc	aactgcggga		120
gaaaaatttt	cgagaatttc	cagcaggcaa	ggcagtggcc	gctttgactg	cttgcttcgg		180
agatccgaga	cgacggagaa	ggcactctta	tttaccgacc	aagaaagctc	ctccccgctc		240
ctccgttagc	taattaaaac	atttttcagg	gacgtagcca	tccagaggga	tttgcttcct		300
aaggagaaga	acttgaaac	tctgttgacc	ttggcttttc	tagaaataga	taaagccttt		360
tcgagtcatg	cccgcctgtc	tgctgatgca	actcttctga	cctctgggac	tactgcaaca		420
gtagccctat	tgcgagatgg	tattgaactg	gttgtagcca	gtgttgggga	cagccgggct		480
attttgtgta	gaaaaggaaa	acccatgaag	ctgaccattg	accatactcc	aqaaaqaaaa		540

tcagggtctgg	ggagtaaaat	acaatggaaa	tggttcaaaa	attgtgtctg	ttggagatga	1140
ccaggaaaatt	cacatctatg	attgtccaat	ttaaacaatca	aagtctccag	gcttatgctg	1200
caaagagaat	gtacggattg	atcatgacat	tccttacctt	cttaggcttg	tttaaaagaa	1260
atatagcatt	tattgtagca	aagacttaaa	ttttgtagat	acaatatgaa	tcttttcatg	1320
ttttattgga	aatgctgttc	atactttaac	ataaagcttt	cttaatgc		1368

<210> 8228

<211> 3031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(918)

<223> similar to gi4200241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8228

ccagtttctc	cgtcagcctg	cgggtcccgg	ctggcggtg	cttccggtag	gagagcggtg	60
tagagcgagc	aggtctcagc	tcctcgatcat	gtcatacggt	cccttagaca	tgtaccggaa	120
cccggggccc	tcggggcccc	agctccggga	cttcagcagc	atcatccaga	cgtgcagcgg	180
caacatccag	cggatcagcc	aagccactgc	tcagataaag	aatttgatga	gccagctagg	240
aactaagcag	gactcaagca	agctacagga	aaatctgcaa	cagttacaac	actccacaaa	300
tcagctcgcc	aaggaaacaa	atgaattgct	gaaagaatta	gggtccttgc	cccttccctt	360
atctacttca	gaacagcgcc	agcagagact	tcagaaggaa	cgctcatga	atgacttctc	420
tgcagcctta	aacaatttcc	aggctgtgca	gagaagggta	tctgaaaagg	aaaaggagag	480
tattgccaga	gcaagagctg	gatctcgtct	ttctgcagaa	gagaggcaaa	gagaggagca	540
gctggtctca	tttgacagcc	atgaggagtg	gaaccagatg	cagagccagg	aggatgagggt	600
ggccatcact	gagcaggatt	tggaaacttat	taaagaaaga	gaaacggcaa	ttcggcagct	660
ggaggctgac	attttggatg	tcaatcagat	atttaaagat	ttggccatga	tgatccatga	720
ccagggtgat	ctgattgata	gcatagaagc	caatgtggaa	agctcagagg	tgcacgtcga	780
aagagccact	gaacagttac	agcgagctgc	ttactatcag	aaaaaatctc	gcaagaagat	840
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tcaataaaat tactgtcttg taatataaat gttgtccact tcccttttcc acaggcctag 2100
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<210> 8229

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1769)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1417)...(1038)

<223> similar to gi2935529 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8229

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<210> 8230
 <211> 2948
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2949)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1863)...(2951)
 <223> similar to gi3170174 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 8231

<211> 2327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2145)...(1837)

<223> similar to gi434845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8231

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<400> 8232

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catcttttgg	cataatacca	ggtatctggt	cccagctttt	tattataagg	ctccaagctt	2700
ttgataactc	gagaaatacc	aaactcatag	tttccttttg	cacaataaag	agttcctatc	2760
accaaattca	caatgcagag	atggtacatt	ttcctatttg	ggtcatcata	agagagctgc	2820
tcttcctcct	tttcaatctt	cctcatcaac	tctctgtctt	tttcattttg	acttgtcata	2880
atataggaaa	cacagagatt	agccagtaga	atagcactga	cattcaggat	gttatcataa	2940
tgcttcttga	ctatgggttc	atagaaaacca	atggcttctt	tgtattttgt	ttcctgcatg	3000
aacagaacat	gagccacatt	caacttccac	acatcatggg	cgttacagaa	ttccacagat	3060
ttgcggaaga	tcttttccac	cattggataa	ttttcaagat	tccagtagat	ttttgcctga	3120
gcatcacaca	caggaatgta	tttctccatg	gtttcatcat	attcattcac	tgcttttttg	3180
atagcttcat	catctctatt	gtgtcttgct	tctgttactt	gcttgggtgag	tctccgaagc	3240
tgctcagtca	gcataccctgc	tagcccatca	agcttaatga	aagcctcttc	aggagctgtc	3300
tggaagtga	tcagggcatac	taaaaagtca	taqaqataaq	qtq		3343

<210> 8233
 <211> 1942
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1943)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1792)...(1317)
 <223> similar to gi5262816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8233
 tttttttttt ttttagaata cctgggtttat tcgggaaaac ttcataatga aaactacaat 60
 tagctttttc cacaacttac aaaataataa tctgatattt aaaatgaatt ggttttcatt 120
 atgtaagtcg aaatggtaaa aaatcataat gacctatccg atgcatcata tatatgctat 180
 tcagagaaac tcaaatcccc gaattctcct gtggcatggt ttatatcaga catttaaaat 240
 ctgtttacca agaaagacca ggattttaac tatatgtagg tttctgctta cagttgcaaa 300
 ctatcagaag cctgtctata tgatagagcc cagataaacc tgagatttag aaaagcaagt 360
 catttattct cctgaggctg ttttagtggc acttttgtga caagaatgac cctcctaagt 420
 ctttactaca caacttaacc agatctatca gtcattgata attagacca gtccatcttt 480
 caatccagtc tactctggtt ctgaacatat aaacacaaaa cactacagat ttattaatat 540
 agcattttcc cacaccctaa ccctataaag aactttaaaa gagaaaattt catctaaata 600
 tttcacactt aaaggaaagc cttaccaact atggcaacag gtttggaaca tgaaatagta 660
 ctttcctaga tgacatatcg agtcaacatg aagccttagc taaaatgaat gattcaggat 720
 attaatgaga aattctcaca aatgatatgc atttaggaaa tgattttgct ttccttaaatt 780
 agttcgaagg cttgaaaata aacttttttt ttgcatttct tttagaatgt ttggtcatta 840
 acaactttta accttatctt cctcttctcc ttagccctta acagaccaag tccattctat 900
 ttggaaataa caagaacttg atcagattat taaatcttgg aaacctcatt tttaccttat 960
 aaagtgttaa gtttcacgtg catattctct tacaatgta gtataaatgt tatggataga 1020
 tataaggaaa tattggcata gtataggtaa ttagtgaaaa gacacaactt cacaaaacat 1080
 aataaaagat aaacatgaaa ctataacact acttaaaaaa tattttctcc caaattatatt 1140
 tagcattttt gactagttta ataatatgaa cactgccaaa aaatgggttc aaagtcgcct 1200
 ggagaaacag tttcttcttc tggagtccat ctcagcagca gcgattttct ccacattca 1260
 ttcccaagtt aggcagatgt gtagaagtac ctgggcttgg cattgcccag aaggatcatct 1320
 tcgtagttgg ggaggcagca gaagaagaag gcacagccga tcaggataat cgtggctgcc 1380
 caccacaaagc cgtaggccca gttatagatg taagtgcagc cacggttggc atgaagggtg 1440
 aaggctctggg tgtacttcac ggggtaaatt accaggggaga tgatctggaa cacagcagcc 1500
 aaggcaagga gacctcaat cactctcagg aagacaagca tctggggtcc acagaggggc 1560
 aagaaggaga ggatgaaaca gatcaccagg atgatgaagc cacagaagag catggcagcc 1620
 gctgctctac cccacgcgta ctccatgagg ctctgcagac cctcctcgta ggaccgcgtg 1680
 ccgccgccct cttggggagca tttccaccac agcaggagac tctggccgtg gtcgctagac 1740
 tgcaaccagc cgcggccggc cagcgcgatg atgtcgaagg cgatggcgct gagtaggagc 1800
 aggggcagga tccagcggca gcgctcgag gccaggccgc agcggatcat gttgacgggc 1860
 ggcgcggggc cgagcggagc ggagcggagc gggctcgagg agcgcgcggg acgggcgaca 1920
 gcagagagtg gccttgcgag cg 1942

<210> 8234
 <211> 1232
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (102)...(740)
 <223> similar to gi23911 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8234
 ggggaggggtg acgcactagc tctccagttc gcccgttcct ggccctgaccc ccaccaaggc 60
 ccataccgct gtaggctcct cgggctgccc ctcggttgac aatgggtctcc aggatgggtct 120
 ctaccatgct atctggccta ctgttttggc tggcatctgg atggactcca gcatttgctt 180
 acagcccccg gaccctgac cgggtctcag aagcagatat ccagaggctg cttcatgggtg 240
 ttatggagca attgggcatt gccaggcccc gagtgaata tccagctcac caggccatga 300
 atcttgtggg ccccagagc attgaagggtg gagctcatga aggacttcag catttgggtc 360
 cttttggcaa catccccaac atcgtggcag agttgactgg agacaacatt cctaaggact 420
 ttagtgagga tcaggggtac ccagaccctc caaatccctg tcctgttgga aaaacagcag 480
 atgatggatg tctagaaaac acccctgaca ctgcagagtt cagtcgagag ttccagttgc 540
 accagcatct ctttgcaccc gaacatgact atccaggctt gggcaagtgg aacaagaaac 600
 tcctttacgg gaagatgaag ggaggagaga gacgaaagcg gaggagtgtc aatccatata 660
 tacaaggaca gagactggat aatgttggtg caaagaagtc tgtcccccata ttttcagatg 720
 aggataagga tccagagtaa agagaagatg ctagacgaaa acccacatta cctgttaggc 780
 ctacagcatg cttatgtgca cgtgtaaatg gaggccctgt gaatgacagc atgtttctta 840
 catagataat tatggataca aagcagctgt atgtagatag tgtattgtct tcacaccgat 900
 gattctgctt tttgctaaat tagaataaga gcttttttgt ttcttgggtt tttaaaatgt 960
 gaatctgcaa tgatcataaa aattaaaatg tgaatgtcaa caataaaaag caagactatg 1020
 aaaggctcag atttcttgca gtttaaaaatg gtgtctgagg ttgtactatt ttggccaagt 1080
 ctgtagaaag ctgtcatttg attttgatta tgtagttcat ccagcccttg ggcatgtgta 1140
 tacaccagta aagaaggctg tactcaagag gaggagctga cacatttcac ttggctgcgt 1200
 ctaataaac atgaatgcaa gcaaaaaaaaa aa 1232

<210> 8235
 <211> 6517
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (226)...(2264)
 <223> similar to gi3043592 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8235

cctaaattag	gttgtagttc	accacttgta	gaggcagctt	caggccaaat	ttaatttaat	60
ttaataaact	aatgaaataa	ataagggaga	gtctgattca	gttgaattgt	atttgaggtt	120
agaaatgttt	attttaaagt	tcaccagagg	atttaaatat	acactgaagt	ttaagaatca	180
ttgctgtaca	aaggtgaaaa	ataacatgct	cttttaattt	tgtagtctgt	caagaactac	240
accaaattgc	atgtgagaaa	tgagcagatt	tgtaacaaac	ttaccagctg	taaaagctgt	300
tcactaaact	tgaattgccca	gtgggatcag	agacagcaag	aatgccaggc	tttaccagct	360
catctttgtg	gagaaggatg	gagtcataat	gggatgctt	gtcttagagt	caattccagt	420
agagaaaact	atgacaatgc	aaaactttat	tgctataatc	ttagtggaaa	tcttgcttca	480
ttaacaacct	caaaagaagt	agaatttggt	ctggatgaaa	tacagaagta	tacacaacag	540
aaagtatcac	cttgggtagg	cttgcgcaag	atcaatatat	cctattgggg	atgggaagac	600
atgtctcctt	ttacaaacac	aacactacag	tggcttcctg	gcgaacccaa	tgattctggg	660
ttttgtgcat	atctggaaag	ggctgcagtg	gcaggcttaa	aagctaatac	ttgtacatct	720
atggcaaattg	gccttgctctg	tgaaaaacct	gttgtagtgc	caaatcaaaa	tgcgaggccg	780
tgcaaaaagc	catgctctct	gaggacatca	tgttccaact	gtacaagcaa	tggcatggag	840
tgtatgtggt	gcagcagtac	gaaacgatgt	gttgactcta	atgcctatat	catctctttt	900
ccatatggac	aatgtctaga	gtggcaaaact	gccacctgct	cccctcaaaa	ttgttctgga	960
ttgagaacct	gtggacagtg	tttggaacag	cctggatgtg	gctgggtgcaa	tgatcctagt	1020
aatacaggaa	gaggacattg	cattgaagggt	tcttcacggg	gaccaatgaa	gcttattgga	1080
atgcaccaca	atgagatggt	tcttgacacc	aatctttgcc	ccaaagaaaa	gaactatgag	1140
tggtccttta	tccagtgtcc	agcttgccag	tgtaatggac	atagcacttg	catcaataat	1200
aatgtgtgcg	aacagtgtaa	aaatctcacc	acaggaaagc	agtgtcaaga	ttgtatgcca	1260
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gcaaatatct	gtcatctgca	cacaggaaaa	tgtttctgca	caactaaagg	aataaaaagg	1380
gaccaatgcc	aattatgtga	ctctgaaaat	cgctatgttg	gtaatccact	tagaggaaca	1440
tgttattaca	gccttttgat	tgattatcaa	tttaccttca	gcttattaca	ggaagatgat	1500
cgccaccata	ctgccataaa	ctttatagca	aaccagaac	agtcgaacaa	aaatctggat	1560
atatcaatta	atgcatcaaa	caactttaat	ctcaacatta	cgtggtctgt	cggttcaaca	1620
gctggaacaa	tatctgggga	agagacttct	atagtttcca	agaataatat	aaaggaatac	1680
agagatagtt	tttcttatga	aaaatttaac	tttagaagca	atcctaakat	tacattctat	1740
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acaatcatgg	accttggtgca	gttttttgct	accttcttca	gttggtttcct	atccttattg	1860
ctggtggctg	ctgtggtatg	gaagatcaaa	caaacttggt	gggcttctcg	acggagagag	1920
caactgcttc	gagaacgaca	gcagatggcc	agccgtccct	ttgcttctgt	tgatgtagct	1980
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aacaataaaa	atacaaaaac	atacagattt	agatgtaaaa	tctatataag	ctatattttt	4440
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cccactgggt	tcttaaaact	tgaaaattca	aattgtagag	aattatgaga	cacaatgtga	4560
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tatgcaatta	attctcaacg	tatcaaagct	tttactggc	agtaaattct	ttgccctcag	4680
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tccccctaca	ttccagacac	tttaaatttg	gatgctttca	ttttttttta	atcaaaccac	4800
acaaatatgc	agatactttc	ccagaatttc	gcagttaaat	ggctgaccc	cttgaaaact	4860
aaccttaatg	gaattctaaa	catttcagtt	tagaatgact	ttgaaaaatt	ccttagattt	4920
ttaggatggt	ttattctgcc	aagtatgaaa	aaaaaatggg	taaatacaat	ggagttttaa	4980
aaattaacct	ggggattcta	tttgaactag	aaaattccta	ttggaaaaga	atttgcacat	5040
acttacagat	tcagctaata	aatttttaaga	ggattaggat	tctcataatt	ctttaaatga	5100
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catttagggg	gcacactggc	acacaggctg	gaaaacgggc	actggacca	gctttcaggt	5340
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gaccattaga	gggagttctc	taaataacaa	agttattact	ctaattcaaa	atgctttaaa	6240
gaattttcca	aggaatacaa	gccatctggg	tgggtgttagt	tatagcagtg	atttcattag	6300
agtgtacatt	taacatttta	gttttatcaa	aattttttga	aattaagaat	tagaaccaga	6360
gtccttatca	gtatatatgt	acacagggtg	gcatgccagt	gttcaaaaaca	gattgtgtaa	6420
aagttcaagc	ccgtttttaga	aagccaacat	tttatgttat	aatatgctgt	taatcaggac	6480
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<210> 8236
 <211> 1481
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (260)...(340)
 <223> similar to gi2065169 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8236
 ctgtatattat tacataatat ttaaattggtt ggttatgatt ctagtttttct aacaattttct 60
 gtaatgtatc tttcccttcg tctatattact aactgtctga aaccttatgg ggaaggtaca 120
 aggggcgtgg tggattaaga catccactgc tttttaccca gcaggatata tctgtgtctc 180
 taaggacccc aggtgagggg agaatatcaa tttatgattc ctgggtgcag caagtcccca 240
 cccccacttt tctcttttag ctccccatcc agatcagcca gagttcaccc ctgtccaaga 300
 tgagctggaa gccatggaac tgtggggccc tggagtctga tagcctcagg agaaatttga 360
 agaccaactg caagaactct taaggaaatct tgtttgagaa aatgttggtt tgtgggttgt 420
 atgctacttt tggggggcag ggctcatttc agcagcctaa atctcctcct tggataatgt 480
 taatattatt attattatta acaaaaaata tatattttta aaaagttccc ttaatctatg 540
 acatggtagc aatgattttcc ctttggtgtc ttaatggcat gtcagataat ttgtttttcc 600
 agagaagaga gctcaaagag gaattgggaa aaataaattg aactctggaa tcttctctct 660
 caagtcctaa aatgaacaaa cagatatgat tgtgtttgag ggaaatatgt ccctagcagg 720
 aaaagaattc aaagagggtc aaagaatatg tcacttactc ctacttgcta taggaataac 780
 cttgctgata agaaaaaaag ggacaatatt ggagaaacta cctcttggtt aattgatctg 840
 tccaactctg agatcacttg gtaactgggt tcatgtgtat ccaaaaatca gcatttggat 900
 ttaagctttc tgaatttggg tagtttaaga aacagattta gttttttcag tgggttttaa 960
 ctgcatgtga aataatgatt ttccaccagc tctgatgcaa agagatataa ttttaatgaa 1020
 cgatttatcc agcagtttgt tccaggggtt gcctctcctt atctacgggg attactttgt 1080
 acatgcagat aagttttcgc aaacctatatt ccattttctt ttgtaagcaa ataaaacttt 1140
 aaaacaatgt atgtggattc tttttcctgc atttctaagt atcaccttaa gctttttag 1200
 tcttaactga gtgtccacca gaaagacaac agttgtcttc ctttaggtta gcattcaaac 1260
 tttcattcat tcttttactc actcactcat tcattcattc tgagtgcagt agaaaacaga 1320
 agaagcagtt aacttgggac taagagatta gcgacatttt attgttcatt tataatctag 1380
 caggcagcaa agacctgca aatgcatgac ctctgctaaa taaatgttta tcaatagttg 1440
 actgaggagc ccacctatct tctgatattg aggaaagcct a 1481

<210> 8237
 <211> 2321
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(1209)

<223> similar to gi3687322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8237

acgggggagc	cggggcgccg	gggggcccgc	gcgctgctag	cgctgctgtg	cgtggcctgc	60
gcgctgcgcg	ccgggcgcgc	ccaatacgaa	cgctacagct	tccgcagctt	cccacgggac	120
gagctgatgc	cgctcgagtc	ggcctaccgg	cacgcgctgg	acaagtacag	cggcgagcac	180
tggggccgaga	gcgtgggcta	cctggagatc	agcctgcggc	tgcaccgctt	gctgcgcgac	240
agcgaggcct	tctgccaccg	caactgcagc	gccgcgccgc	agcccagacc	cgccgcggc	300
ctcgccagct	atcccagagct	gcgcctcttc	gggggcctgc	tgcgccgcgc	gcactgcctc	360
aagcgctgca	agcagggcct	gccagccttc	cgccagctcc	agcccagccg	cgagggtgctg	420
gcggacttcc	agcgccgcga	gccctacaag	ttcctgcagt	tcgcttactt	caaggcaaat	480
aatctcccca	aagccatcgc	cgctgctcac	acctttctac	tgaagcatcc	tgatgacgaa	540
atgatgaaga	ggaacatggc	atattataag	agcctgcctg	gtgccgagga	ctacattaaa	600
gacctggaaa	ccaagtcata	tgaagcctg	ttcatccgag	cagtgcgggc	atacaacggt	660
gagaactgga	gaacatccat	cacagacatg	gagctggccc	ttcccagactt	cttcaaagcc	720
ttttacgagt	gtctcgcagc	ctgcgagggg	tccagggaga	tcaaggactt	caaggatttc	780
tacctttcca	tagcagatca	ttatgtagaa	gttctggaat	gcaaaataca	gtgtgaagag	840
aacctcacc	cagttatagg	aggctatccg	gttgagaaat	ttgtggctac	catgtatcat	900
tacttgagc	ttgcctatta	taagttgaac	gacctgaaga	atgcagcccc	ctgtgcagtc	960
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taccacaggg	acacttgggg	cctctcggat	gagcacttcc	agcccagacc	tgaagcagtt	1080
cagttcttta	atgtgaccac	actccagaag	gagctgtatg	actttgctaa	ggaaaatata	1140
atggatgatg	atgaggggaga	agttgtggaa	tatgtggatg	acctcttgga	actggaggag	1200
accagctagc	ccacagcaac	caaagagact	tcctcttggc	gttcaggaaa	cacagattct	1260
ttgtcctttt	cccaacagcc	caggctgttg	atacctcaga	gccttctctt	tactctccaa	1320
agtgaagg	aagccccgt	ctctctaact	gcatgtcatc	aggggtgagc	ctgcctttcc	1380
tatcttcaca	cctgccacct	catgttcaca	cctatctttc	tcaccttttt	tttgagatgg	1440
agtctcgctc	tcttgcccag	gctggagtg	aatggcacgt	tctcagctca	ctgcaacctc	1500
cgctctcttg	gttcaagcaa	ttctgctgca	tcagcctccc	gagtacctgg	gattacaggc	1560
atgtgccacc	acgcccggct	aattttgtat	ttttagtaga	gacgggggtt	tgccatgttg	1620
gccaggtcgg	tctcgaactc	ttgacttcag	atgatccatc	tgccttggcc	tcccacagtg	1680
ctgggattac	aggcgtgagc	caccatgccc	ggcctctttc	tcacctttac	acctgtcttc	1740
ttatcctcac	atctgttttc	acaccttcat	ccctgtcttc	ctcatgttca	cacttgtctt	1800
ccccatgttc	atagctgcct	ttcttaccat	tttggtttga	agggcagctc	tctctggcct	1860
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agatgataat	tgtgaaaacc	tcctttggct	tatttgcttt	tccagatttt	agtctccttt	1980
ctccccatcc	gggaaagatg	gtggaagaca	taggctaaat	ttctccagcc	tcacaatggt	2040
cttcacttgg	tctgacttgt	accaattcta	gcacctcagc	aaaaacaagt	tgagtagaga	2100
gtgtagagtg	cagaaatgtg	gcttttgccc	cactttgcat	ctccaaaatt	acaacgggtg	2160
gccgatccca	tttgaggaca	atgcttagtt	ataagtctcc	gagttggaaa	aggaagaaag	2220
ccagagctgt	ctagtttcat	tcattctttc	agtaaatatt	tattgagtag	ctactgtgtg	2280
ctaggcattg	acctgggaac	tagagatact	tcacagaata	g		2321

<210> 8238

<211> 1318

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (56)...(966)
 <223> similar to gi4239974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8238
 gtgggttccaa agccctctca ggcaggcaga cccagggcct ccccgccaca ccttggttcat 60
 ggattttgtc gctggagcca tcggaggcgt ctgcggtgat gctgtgggct accccctgga 120
 cacggtgaag gtcaggatcc agacggagcc aaagtacaca ggcatctggc actgcgttcg 180
 ggatacgtat caccgagagc gcgtgtgggg cttctaccgg ggccctcttg tgcccgtgtg 240
 cacggtgtcc ctggtatctt ccgaggtttt tggcacctac cgccactgcc tggcgacacat 300
 ttgccggctc cggttcggta accctgacgc caagccacc aaggccgaca tcacgctctc 360
 gggatgcgcc tccggcctcg tccgcgtgtt cctgacgtcg cccactgagg tggccaaagt 420
 ccgcttgacg acgcagacac aggcgcagaa gcagcagcgg cggctttcgg cctcggggcc 480
 gttggctgtg ccccccattgt gtccctgtgcc cccagcctgc ccagagccca agtaccgcgg 540
 gccactgcac tgcctggcca cggtagcccg tgaggagggg ctgtgcggcc tctacaaggg 600
 cagctcggcc ctggtcttac gggacggcca ctcccttgcc acctacttcc ttccctacgc 660
 ggtcctctgc gagtggctca gccccgctgg ccacagccgg ccagatgtcc cgggcgtgct 720
 ggtggccggg ggctgtgcag gagtcctggc ctgggctgtg gccaccccca tggacgtgat 780
 caagtcgaga ctgcaggcag acgggcaggg ccagaggcgc taccgggggtc tcctgcactg 840
 tatggtgacc atcgttcgag aggagggacc ccgggtcctt ttcaaggggc tgggtactcaa 900
 ttgctgccgc gccttccctg tcaacatggt ggtcttcgtc gcctatgagg cagtgtgag 960
 gctcgccggg ggtctgctca catagccggg cccacgccc agcggccac ccaccagcag 1020
 ctgctggagg tcgtagtggc tggaggaggc aaggggtagt gtggctgggt tcgggacccc 1080
 acagggccat tgcccaggag aatgaggagc ctccctgcag tgttgctcgc cgaggcctga 1140
 gctcgccctg cccagctact gacctcaggc cgaggggccc gccagccatc agccagggtt 1200
 ggcctagggg ggcaggagcc agggaggagt gggcctcttt gatgagagcg ttgagttgca 1260
 tggagtcggg tgttcatccc agcctcccca tggccctcgc ctcccatgtc tttgaagc 1318

<210> 8239
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (48)...(392)
 <223> similar to gi624961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8239
 gccttgagag gctctggctc ttgcttctta ggcgggccga ggacgccatg gccgagtgcc 60
 cgacactcgg ggaggcagtc accgaccacc cggaccgcct gtgggcctgg gagaagtctg 120
 tgtatttgga cgagaagcag cacgcctggc tgcccttaac catcgagata aaggataggt 180
 tacagttacg ggtgctcttg cgtcgggaag acgtcgtcct ggggaggcct atgaccccca 240
 cccagatagg cccaagcctg ctgcctatca tgtggcagct ctaccctgat ggacgatacc 300
 gatcctcaga ctccagtttc tggcgcttag tgtaccacat caagattgac ggcgtggagg 360


```

cctccccctgc cccaggaacc ctggcctcac caaaacagca gcagctcgtt ggctccaaaa 1080
ccagggagca gaccatgccc tccaaccct ggagttgtca gggagggcct gcccatcacc 1140
tccctctccc caacatcccc accctcgagt tggaaataaa gagcatttgt anaaaaaaaa 1200
aa 1202

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<210> 8241
<211> 852
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (700)...(307)
<223> similar to gi3875398 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8241
tttttttacc ccattgtaga agaggaataa tttatttcta taaggatttt aataatgttc 60
cctaagtaat tagtaatcaa gattttcttc aaattcaaat taacaaatat gtttgtaaat 120
ctaaataata tacatattta tgtatttata tatgtatata ttttaattctt tctgtaattc 180
agtctttaac tgtgaacttt tacatgatgg aagcagtga ggactcaatg tcatagtaca 240
ttttgatagt atttgatagg ctttttcagg tcaattaatt tagttgcttg caaatataaa 300
tcaagcttgc tccagttcca caaggactcc accacagtct ttaggatgga gaaaaatcac 360
tggttttcca tgtgctccta ttttgacctc ttcaactaga ctgcggatct tctttttttt 420
caaatccatc acagctgcat taatattatc cacctcgatg cagatgtgat gcattcctcc 480
agccttgttt ttctgcagaa aacctgcaat tggactgtca cgtcccaatg gatgaagcag 540
ttccatcttg gtatttccca ggttgacaaa aacaacagat actccatgtt caggaagagg 600
gaccgcttca cttacctggg cccccagaat attcttataa aatgctgcag cctttttcaa 660
atctggcact gctatggcta catgggttgag tcgacccagg ttccacacag aacctgtcac 720
ttgatccaag ggctgtgatg tggagaagc tcttactgtt ggaatgggag cttgaagtct 780
ggaaaaaagc cctacggcat tcgcggctgc agccttcagc acccgctcgt gccgaattct 840
gggcctatac gg 852

```

```

<210> 8242
<211> 1593
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1100)...(779)
<223> similar to gi3820618 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8242

```

cttctgtgaa acatggattc atagtgtccc ctttgtgcc a ttacagaata tctcacttat      60
attgaagaat tgactttctct tcacagaggt cttttcctac tgaaaaactt ccttaaaaga      120
gaaaaatatt ctaaataatac ttctagaaat gacaatgtct ttgttgattg acttagattc      180
agtttatttt aattacatat attgtttgat ctaatgaagt gttacggcag gacagaaggg      240
tgaaattaaa aatctgaaag aaatctttta taatcttata tacttaaaaa agtagtatgc      300
aaactgacag aagaagtatt ttattttatt ataatatcat tttgtaaaca atcacactgt      360
gcactttttt attcaacaat aagaacaatt tttttctagg gatttatagc aaaccctata      420
taaagtgaat gacttaatac acgagtgaag atcgactagg gtagaataat ttctgaaaat      480
gtcaaattac agcacttgat acaaagactg atgataacta tctgtacat aaaaatttac      540
atgccacgaa aacattaatt tataatttta aatatacagt aaaacatagt tataaaaaaga      600
gtattacatt tattataaac cagtgaatta ctacagagaaa tattttattaa aacctactaa      660
aaaccagtaa atattgcaac tgaggtaaaa atttataagt aaacaaaact atcattttata      720
aggaccaaga agtaaacaaa agggcagaca ttttctgatg actgtgtcta ctccctgata      780
ttttgaagca gcttcaacaa atgtgactca ataacctgtt gaacacttct atagcctagg      840
gctacagcta gatccataga attatatcca gagtcagttt caattgttgg atcagcccca      900
ctttctaaga gcatctttac acatttcaca tgatttccat gtacagcata aagcagaggt      960
gttcctccat tccaatcata ttcatTTTaca tcaactccac aatcaagcag catttttgaca     1020
atatctgtgt agcctttact acaggccaac gacagtgcac tttctcgacc ttttcctaaa     1080
agttggggat cagcaccctg gtatgggaag tagagataaaa agacttctca attagtttaa     1140
acaagaatat tgttattcct gtcaacaata attatagttc aacactaggc ctgggtaattgt     1200
tctgggctta ataaagaaat aatggaaact tttactcatg gatgctttta ttgagattgc     1260
ctggatgcct tccttccctcc gtccctgtatc aatcctaatt atcctttcac tctggagtca     1320
agtcacagct cctccatgaa gccttctcct tcaaagctga cagtacttct gttcccgtgg     1380
gatgtagagg ggtctgggcg ttaaattatt tctcactgtt gcatgtatga ttagtcttgc     1440
cttcccaact agatccaagt tccacaagaa tatgaaaagc attaaaacttt ttttggtagc     1500
ctctaccatt atatctagct ggctggatat ataaaaactc tactaaagac ttaacttaag     1560
taactataca tatacatttt ctgaggcatt ttc                                     1593

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<210> 8243

<211> 647

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(292)

<223> similar to gi510991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8243

```

tttcgttggc gctttatagc tacacagtgc tatgccagag ccagcgaagt ctgctccgcg      60
cccgaaaaag ggctccaaga aggcggtgac taaggcgcaa aaaaaagacg gcaagaagcg      120
caagcgcagc cgcaaggaga gctattccat ctatgtgtac aagggttctga agcaggtcca      180
ccctgacacc ggcatttctgt ccaaggccat gggcatcatg aattcgtttg tgaacgacat      240
tttcgagcgc atcgcagggtg gagtggctga aacttctcag caggcgcac t tacactagtg      300
acctgaggag agaaacccta accccacaat ggctgcatct tctctgaaga cgagactgat      360
gtcatctttt gaaatgaagg gcagtgtgtg catttctcca tgaaggatc cagaaacagc      420
catgccagag ctgctgtggg gtggctgaac tgctattcct tttctagggt gggatcccca      480

```

ctctttgtaa	ggaaggatat	tggggctctg	acactgggaa	ctcatcttgt	cagtgaggcc	540
ttctttaact	gctgtcttgt	aattgagcca	ccccatctgt	gtttcctgtt	ccaatttagg	600
actttttttt	ttttatcata	atataaagat	ctgaaatgct	aaaaaaa		647

<210> 8244

<211> 1674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1058)...(536)

<223> similar to gi5105604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8244

agattaattt	agataaccta	gtgggttaata	tgctcatgaa	catcagcaac	aaccgtgcat	60
tccttggcag	atgggatgcg	atggaaacca	aaggtttcct	taaggcaagc	acttcacaac	120
tagttttctg	tcaattcttg	cgtaaatacac	attctgtatt	catacaaaaa	ctttgttttt	180
ctctgacaaa	ctgtacacat	agaaacaaat	ttccaaatgg	acaggaactt	aaatttgtgg	240
agatgccccca	tgtcttgtga	gacttaaaaa	aaaagaaaaa	gatcccagct	tttatcttca	300
caaaacaaca	tgggagttgg	ggcaatgagg	gtggacagga	cagggccagc	caggctggta	360
gctggcagca	gtctcttcat	cttgaagacc	tcattgaggg	ttcctgggat	tcagggtgcc	420
agaaaagagt	tcagggctac	aatggtgcag	gcttcctttt	gtttctcttg	gtgagtccac	480
aagaagttct	tacatactgt	ccagagaggc	ctcagggtag	tcagttccag	cttctaccga	540
ccccttccac	caccccgtag	agctcctcgc	ctcggcgggc	cagagttcat	gttactccct	600
ctaccccagt	tactgccact	ccggccccct	cgagaagggg	tgccactgcc	tggagggccc	660
ccaaaagggt	catctctgtg	gtatccatcg	tgggtgctctc	cgtctaagga	gctggaaacgc	720
ccagatttgg	gcactctctg	agcaggctct	gggccccctc	ggcctttgcc	tcctcgggtct	780
tcagaagggc	ctcctggggc	ctccatctct	ctgtgctcag	aagtgcctgg	gccatcatgc	840
caggggcgct	ttcggggagg	tagggatgcc	atgtccatgc	cttggagaga	agaggagcgt	900
tctctgctgg	ctggggaatg	accgtcgtga	gggggatgat	cagggcgggg	agtatcacga	960
aaatgttcat	gacctggccc	aggctctctg	tttccatccc	aggaatctgg	cttccgccct	1020
ccttcaaagc	gaggggaactc	gtcaggagtg	ggaagtaaac	ccttccttcc	tcctcgtggg	1080
gtaccccgcg	ctcgacctct	gagatctcgt	cctcggggccg	gcttcctcag	aagcatcaaa	1140
attctcctct	ggaccaaaagt	ccttcaggac	caggaaaacc	atcccttccc	tctgggggga	1200
gcacggccct	catgcctcgg	cgggggctct	cttctgaaac	tttcttctct	gcgccctcga	1260
aaacgtgggt	cctcgggatc	ccgggggaaa	cgttcatctc	cgggcctgcg	gccttcccat	1320
gcccccgag	ggcctcgggc	tgcaccccgc	ccatccccct	cgttgaattc	cctgtgatca	1380
gggggaaacg	gaggcccagg	gccccctcgc	ctccacttct	cttcatgcgg	taaaggctct	1440
cctcgccccct	caaattcacg	taaccggtgg	ccaaagcgct	tgtcagggtg	gaagtcatct	1500
ggtctgctga	agtcacggg	gaagtctggg	tgaggggccac	gcctatcagg	gggacccctg	1560
cagtctggtg	caccccgcaa	aggccccctc	tcggggccat	gctcaggccc	gccgctctgc	1620
tcatgccgcc	tctctgacat	cggggcccatg	tgatgcctcg	tgccaagctt	ggcg	1674

<210> 8245

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<211> 3773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (63)...(3776)
<223> similar to gi2522208 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8245

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tttcgtggcc gcgagggcagg ggtgagaccg gcggccaccc gggagccctc cgcacccgca      60
ccatgcagaa gagcgtgcgc tacaacgagg ggcaagccct gtacctggcc tttctggcgc      120
gcaaggaggg caccaagcgc ggcttcctga gtaagaagac ggccgaggcg agccgctggc      180
acgagaagtg gttcgccttc taccagaatg tgctcttcta cttcgagggc gagcagagct      240
gccgcccggc gggcatgtac ctcttgagg gctgcagctg cgaacgaacg cccgcgccac      300
ccagggccgg cgcggggcag ggagggcgtc gagacgcgct ggacaagcag tattacttta      360
ctgttctttt tggccatgaa ggtcagaagc cactggagct gcgctgtgag gaggagcagg      420
atggtaaaga gtggatggag gccattcacc aagccagtta tgcagacatt ttgattgaga      480
gggaagtatt aatgcagaag tacattcatc tagttcagat cgtagagaca gaaaaaattg      540
cagctaacca actccgacat caacttgaag atcaagacac agaaatcgaa aggcttaaata      600
cagagattat tgctcttaat aaaaccaaag aacgaatgcg accttaccaa agcaaccaag      660
aagacgaaga tccagacatc aagaagatta aaaaggttca gagcttcatg cgaggatggg      720
tgtgcagaag gaaatggaag accatcgtgc aggattacat ttgttctcct catgctgaaa      780
gtatgaggaa gagaaaccag attgtgttca ccattggtga ggagagtcga gactacgttc      840
accagctcta catcctggtc aatggctttc tccggccctc gcgtatggcc gccagctcca      900
agaagcccc catcagccac gacgacgtca gcagtatttt tcttaacagt gaaacaatca      960
tgtttcttca tgaaatattt catcaaggac taaaggcaag gatagcaaac tggcccactt     1020
taatttttagc tgatctgttt gatattttgc tccccatgct gaacatttat caagaatttg     1080
tgcgtaatca ccagtacagc ctgcaagttc tcgccaattg taagcaaaac agagattttg     1140
acaaactctt aaaacagtat gaagccaatc cagcctgtga ggggaggatg ctggagacat     1200
tcttgacctt tcccatgttt cagatcccca gatatatcat cacactccat gagctccttg     1260
ctcacacacc ccatgagcat gtggaaagga aaagcctgga gtttgccaaa tcaaagctag     1320
aggaactatc cagagtaatg cacgatgaag tcagcgacac tgaaaacata aggaaaaacc     1380
ttgccatcga aagaatgatc gtggaggggt gtgacatctt gctggacacc agccaaacgt     1440
tcatccgcca aggttctctt attcaagtac cttccgttga gaggggggaaa cttagtaaag     1500
ttcgccctggg ttcgttgtct ttgaaaaagg aaggagagag acaatgcttc ttatttacia     1560
aacacttttt aatatgtaca agaagttcag gaggggaagct tcatctgctc aagacagggtg     1620
gggttctgtc tctaataagc tgcacattga ttgaggagcc agatgcaagc gatgatgact     1680
ctaaagggtc tgggcaagtg tttgggcacc tggattttaa aatagtgggt gagcctcctg     1740
accgtgccgc cttcactgtt gtcttggttag caccctcacg ccaggagaaa gctgcctgga     1800
tgagtgcacat cagtcagtggt gtggacaata tacgatgtaa tggtttaatg actatagtgt     1860
ttgaagagaa ttccaaagtc actgtgccac atatgattaa gtctgatgcc cgtcttcata     1920
aagacgacac tgacatttgc ttcagtaaaa cactcaactc ctgcaaagtg cccagatcc     1980
gttatgccag cgtggagcgc ctcttggaac gactgacaga cttgcggttt cttagtattg     2040
atttctcaa cactttctg cacacctatc gtattttcac tactgccgct gtggtgctgg     2100
ggaaactctc cgacatatac aagaggcctt tcacctccat cctgtcagg tcattggaat     2160
tgttttttgc taccagccag aacaacagag gtgaacattt ggtggatggc aaatccccac     2220
gtctgtgtcg caaattctct tccccgccac cactggctgt gtccagaaca tcttccccag     2280
tgagggccag aaagctgtct ttgacttctc ccttgaactc aaagatagga gcattggacc     2340
tgacaacttc cagcagtcac accaccacca cccagagtcg cgctgcgtct ccaccaccac     2400
acactggtca gataccactg gatctcagca gaggcctctc ttctccagag caaagcccgg     2460
gaacggtaga agagaatgtc gataaccac cgcgtgatct gtgtaacaag ctaaaacgaa     2520
gcattcaaaa agcagtccta gagtctgcac cagcggaccg agcaggagtg gaaagctccc     2580

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ctgcagcgga	caccacagaa	ctttcacctt	gcagatcccc	ctcaactcct	cggcacctcc	2640
gctatcgaca	gcctggagga	cagacggcgg	acaatgccc	ctgctctgtt	tcaccggctt	2700
ctgcttttgc	aatagccaca	gctgcagcag	gacatgggag	tccaccaggc	tttaacaaca	2760
ccgagagaac	atgtgataaa	gagtttatta	tacggagaac	ggctaccaat	cgagttctga	2820
acgtcctccg	tacttggttc	tcaaagcacg	cacaggattt	cgaactcaac	aatgaactaa	2880
agatgaatgt	cctaaatttg	ctagaagaag	ttttgcgaga	cccagacctt	cttccccaag	2940
aaaggaaaagc	gcgcgcgaat	atcctcatgg	ccctttcaca	agatgaccaa	gatgacatcc	3000
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cccttgctggc	ctaggagctg	gcagacaaga	tcacctcct	ggacctgtc	attttcagaa	3120
gcattcccta	cgaggagttt	cttgggcagg	ggtggatgaa	gctggataaa	aacgaaagaa	3180
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agataatgaa	ctatgctgat	gtcagctccc	gtgccaacgc	catcgagaaa	tgggtggcag	3300
tggcggacat	ctgccgatgc	ctgcacaact	acaacggcgt	gctggagatc	acctcggcct	3360
taaacagaag	tgcatctac	aggctgaaga	aaacctgggc	caaggtctct	aagcagacaa	3420
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gagaaaacct	taaaaattgt	aacctcctg	cagttcctta	tcttgggatg	tacttgacag	3540
acctggcatt	tattgaagaa	ggaacaccaa	actttactga	ggaaggccct	gtcaatttct	3600
ccaaaatgag	aatgatataca	cacatcatca	gagagatacg	ccagttccag	cagacttctt	3660
acagaataga	tcatcagcca	aaggtcgcac	agacttgc	tcgacaagac	cttatcatag	3720
atgaagatac	gctatatgag	ctgtcactca	aaattqaacc	tcgactccct	act	3773

<210> 8246

<212> DNA

 $\langle 220 \rangle$ $\langle 222 \rangle \quad (4) \dots (556)$

Run with FASTXY 3.3t00, default parameters

<400> 8246

```

aaggggcaca cactgagttg cttatgccac ttccttggtc aaaataaagt aactgcctta 1080
atcttatact catggccttg agttacctta tattcaggta tatgtgatat tttgcctggt 1140
ttgttaaaat tgccccattt agattccttc tataattgtt cttatagata agtaatttat 1200
atatgagctg tgtagtatt ttttcagtgt gagatctctg gattctttca caataaagct 1260
gttgaatttt aacaggagta ttagtacata aattttctac tcaacaattc cgagatagga 1320
ttatgcctag tttgtcatat cacagaaaaa ctccaagtta acttcatgtt ttggaagggc 1380
aggtcgtttt taaagtattt ctttttttaa ctggatgaaa aatcttcatg ttaggattaa 1440
ttttcttaat cacctccaca ctgtacagag gaaactcaag ccttaaattg ttaagtaaac 1500
tctgtctcag ttttaggatt aaaataccca ccggtggtgt gatgatgcca tataccgcag 1560
ggcttgcttc tgtcaagtgt gactctatct cagtaattaa aataagtgt gatctactga 1620
ttttttttaa tggattcatt tctaaatggg cattataaat agagcttggt catttttaag 1680
aacgaaacat tcatatgata aactatcgct tttaaattgcc tttcttgctt catataaact 1740
tttctgtca ggatccttag tgtttgaaac tcctcggtgc gggctggcct cctgcggact 1800
ctagtttcgc ctcttgatg tggcgctgg gatttcttca cttcagagct gtatttttac 1860
aggcaagagt aagttcctgg gcacagtggc tcatgcctgt aatctcagct actcaggagg 1920
ctaaggtggg aggattctta gagcctggga ggtcgaggct gcagtgcag gtgattgtgg 1980
ccactgcact ccagcctggg tgacagagcg agactctgtc tcaaaaaaga agaaagagta 2040
agagctgagg catataatag aattctgcta aagcacttaa ggtgaaatca cattttcttt 2100
tcccaggatg ttgtcacat ctttcgtttt tattgaggtg tcatttatat acaataaaat 2160
gtactcattt tcagtgttaa a 2181

```

```

<210> 8247
<211> 3967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(3783)
<223> similar to gi3882339 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8247
gtaattcccg ggtcgacgat ttcgtgacag cagtgaatct gtcagtgaag atgatgagga 60
agaagagaag ggtggcacc atgtcaatga tgtcttaaac cagcgtgacg ccttgggcg 120
ggctcttgtc aacctaaacc accctccaga ggaggaaaat gtcttccttg cccacagtt 180
ggcacgggct gtgaaacctc atcagattgg cgggatccgg ttcttttacg ataacctagt 240
ggagtctctg gagaggttta agaccagcag tggctttggc tgtattctgg ccacagcat 300
gggtctgggg aaaactttgc aagtgatctc tttcatcgac gtctcttcc gccacacgcc 360
agccaaaaca gtcttgcca ttgtgccggt taatactctt cagaattggc tggcagagtt 420
caacatgtgg ctccacctc ctgaagccct cccggctgac aacaagcctg aagaagtcca 480
gcctcgggtt tttaaagttc acatcttgaa tgatgagcac aagacgatgg catctcgtgc 540
taaagtgatg gctgattggg tgtcagaggg tggcgtgctg ctgatgggg acgagatgta 600
cagactcctc actctgaaga aatcatttgc cacaggtaga cogaagaaaa ccaagaagcg 660
ttctcaccca gtcattcatt atctagatga ggaagatcgg cagcaggagt ttcggagaga 720
gtttgagaag gctttatgcc gccctggccc tgatgtagta atctgtgat agggacaccg 780
catcaaaac tgccaggcca gcacctcaca ggctctgaag aatatccgt ctcgccgccg 840
ggtggtgctg actgggtacc ctctgcaaaa caacctcatt gagtactggt gcatggtgga 900
ctttgtgcgc ccagacttcc ttggcaccgg gcaggagttc agcaacatgt ttgaacgcc 960
tatcctgaat gggcaatgta ttgacagcac acctcaggac gtccgcctca tgcgggtaccg 1020

```


gagccatgtc	ctgcacagtc	ttctggaggg	ctttgtgcag	aggagaggcc	acactgtgct	1080
gaagattcat	ctccctgcc	aggaagaaaa	tgtgatcctt	gtgcggctct	ccaagatcca	1140
gcgagatttg	tatacacagt	tcatggatcg	cttccgggac	tgtggtagca	gcggttggt	1200
ggggctgaac	ccccttaagg	cattctgtgt	gtggtgcaag	atctggaatc	accctgatgt	1260
gctgtatgaa	gcccttcaga	aggagagctt	ggccaatgag	caggacctag	acgtggaaga	1320
acttggtctt	gcagggacca	gtgcccgctg	tccaccacag	ggaacaaaag	gcaagggaga	1380
ggatagcacc	ttggcttcct	cgatgggaga	ggcaaccaat	agcaagttcc	tacagggcgt	1440
tggcttcaac	cctttccagg	agcgaggcaa	caacattgtc	acatatgaat	gggccaagga	1500
ccttctgact	aattaccaga	ctggagtcct	agaaaactct	cccaagatgg	tactgctttt	1560
ccacctgatt	gaggaaaagt	tgaagcttgg	ggacaagatc	cttgtgttta	gccagagtct	1620
ttccaccttg	gctctcatcg	aggaattcct	tggaaaacga	gaagtaccct	gtccacctgg	1680
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caccacctgg	ctgttccttc	tctctacaag	ggcgggatgc	ttgggtgtga	atctgattgg	1860
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atgtcgggta	taccgttatg	gccagaaaaa	gccctgttac	atctatcgcc	ttgtggctga	1980
ttacactcta	gaaaagaaga	tctatgaccg	tcagatttcc	aagcagggca	tgtcagatcg	2040
ggtggtggat	gatctaaatc	caatgctgaa	cttcacacgg	aaagaggtgg	aaaacctact	2100
gcactttgtt	gagaaggagc	cagctcccca	agtttccttg	aacgtaaaag	ggatcaagga	2160
gtcagtcctg	caactggcct	gtctgaagta	ccctcacctc	atcaccaagg	agcctttcga	2220
gcattgagtc	ttgctcttga	accgaaagga	tcacaagcta	accaaggctg	agaaaaaagc	2280
agcaaagaaa	agctatgagg	aagacaaaac	cacatcagtc	ccctataccc	gcccatcgta	2340
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gtccaccccc	atccccatga	tgccccggca	tgtcccattg	ggaggaagtg	taagctctgc	2520
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tgtgcagaag	gtggtcacca	cgacagatat	tgttattcct	ggactcaaca	gctccacaga	2640
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ccccttcacc	tcccaggctg	gggagaactc	cctgtttatg	ggcagtaccc	cctcctacta	3360
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ggtgccagca	ggccccgtca	gttccctctc	cacggctacc	tcagtcaactg	ccagcaaccc	3480
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acagccactc	ctgtccgagc	cgaggatggt	tgcgcctttt	ccttcccctg	tcttgcccag	3600
caacctttcg	cggggcatgt	ctatctatcc	aggctacatg	tccccacatg	caggctaccc	3660
agctggtggc	ctcctacggg	cccagggtgcc	tccatttgac	tctcatgagg	ttgccgaggt	3720
tgggttcagc	tccaatgatg	atgaggataa	agacgatgat	gtgatagagg	tactgggaa	3780
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gaaggcagcg	atttagacct	tttgagaata	ggacacttgg	caggagggaa	aaggaagagg	3900
acaaaggagg	gtggttgggc	aaagtggcag	agctctgttg	ctgtttaaca	aaagaggcaa	3960
aaaaaaa						3967

<210> 8248
<211> 1856

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1807)...(950)
 <223> similar to gi3646426 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8248

tttttttttt	ttggcagctc	ccggcatttta	ttgattgcag	ccccacaga	gcacactgcc	60
cttcccaggt	ggggtgaagc	ccagcgacca	gggaggcaga	ggatgcagca	tccgccccgt	120
cggactcctt	gtcggggaga	aggccctaag	gaggaaccgc	ggcccgctg	ggccattccc	180
ccagggagcc	aagcgggggg	gcccaggtgc	ccgagggacg	caggcacaat	ccctgaagac	240
agagaccgcc	tgctggtgag	tggagaggct	ttggcaaaac	taactgttaa	agccactgca	300
gggcaggcag	cggtgcgcgg	gacctcgggtg	gccctcgacc	ctcaccaca	atggctccag	360
aacctctctg	ggccactccc	tcccaggcac	tcgcttggtg	tctgcgttgc	ttgttcatcc	420
caccagctg	cggggtctcg	cggggagttg	cagctgcccg	aggacatgga	aggtctggtt	480
gctctcagca	gacacgaagt	gcagagctag	cacttggtg	agcaacagcc	aggctgcacc	540
cacactctgc	cacccaagtc	ctcgatggaa	agtgtctgaa	gatgtctgct	tgggcatcgg	600
gggcaggagg	cagggataat	acccctcccc	tggcccagga	gaggggagaa	atcagcctct	660
ggtagccctt	gttcccttga	ggagctgcc	gcgggagagg	ggcaaggcca	cgcagtcccc	720
agccgggaga	gcctggtagc	cagagcgggg	gtggtgcagc	tacagctgag	aggggacgag	780
gccaggagga	gctcagccag	caggtggggg	gacagcaggg	gcctgctgcg	gaggatgggt	840
ggccacggcc	agggaggtcg	tggccccagg	agcaggtgct	gggcttgga	ctctttgga	900
gaacctagcg	tgtctggcct	ggcagcccag	ccattcccac	ggctggtcag	gatggcactt	960
tgatgccaaa	gtttttgcgt	agctgttcca	gaaacacaaa	agttagcacg	gtgtggggga	1020
tgaggcggat	gccagctggg	acgaggccct	tgtaaaaggc	cagaggcccc	agcttcgctg	1080
tctccacggc	gcagtggaaa	acgccctgat	actccccctt	ggagttcatc	aggcgagtct	1140
tcagcacatc	caggggctgg	cacaggaacg	tggcacatcc	acctgcaata	aagctggcga	1200
caaagtgagt	gaagatgttg	tcagagaggt	acccggtgct	aaggaccagc	tgcttggcct	1260
ggtcgtagca	ggacagctgg	cccacagtga	ctaaggcccc	tcggctggat	gcatgtgttg	1320
caccgagaaa	cagtctcctg	agaccctctt	cacgagctac	gcggtacagg	ccatccagcg	1380
catgggcgta	gttgcgccgc	tgaccctggg	gcagcttcac	gtcgttctgc	atcctgacgt	1440
tgaccaagtc	tgcgggcgtc	cccacgaagc	ctccagctaa	accgctgacg	gagcccagca	1500
acaccttctc	gtggaagggg	agaggccctt	ggctgcccct	ggccacacgg	tccgcacag	1560
tctcgtagat	ggcgaaccga	gtcagggagt	aggtcatctg	tctgcacagc	gaggcgctca	1620
ggccgctgta	gagtgccagg	atgccgtcgg	tacgcaccac	ccgcagcgcc	atgcccgctca	1680
tgcgcagctt	cacctcctgc	tgctgtctgca	gatgcacctt	gagcaggtcc	agcgggtgcg	1740
tgacgagggc	ggcccccgag	gagggcagcc	ccccgaagta	ccagcgcgac	acgcgcgctt	1800
cggctgccat	ggcccaggag	agcccaatcc	cggcccgcac	acaaccgcac	acgaaa	1856

<210> 8249
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (570)...(416)

<223> similar to gi705389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8249

```

ggaattcccg ggtcgacgat ttcgtagcga ggccctcttc cccctcgctc ccaactcagac      60
caccaccaag cctggactgg aagtgtgttg agcccctggg tcaggctggc gagccagctc      120
ggccctgccc acccaggggt ttccgagatc acccctgggt aggcggcgtg ccagtccttt      180
gctttcttac ttgttctgca gagcggggag ctgaggctgc atgagggaag actcccgtac      240
cccagcacgg tggagggtgg gatgggggtca cgcctgtgcg acccaggagg tggccagcag      300
aaggaaacag tagtgtccac catggtctgc gtctccccac cacggattgt cttggctccg      360
gatttgagac atggcagggc cagatgagga caacttgatg acagtttaca gagatggagg      420
cagggtgcca ggaagccacg ggggagcccc cagggcactc agcagtcagg gcagggtctg      480
gcgtcctggc aaggagcagg gaccttctgc ccagggtgtg ggccagcctg tgggtgctgt      540
gtgcaggacc ccaggaacca aggcgcagat ctcttccttc gctccagcat cctcccaagg      600
ccacccttgg ctgcactcag ccagagagct ggggcacagg gacccacag gtttccctgg      660
aggctgtcag gggctccggt gggggcgggg ggtgagcccg ctgggttcac tgcac          715

```

<210> 8250

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (942)...(308)

<223> similar to gi5305429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8250

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ttttttttca ggcccagccc ttggggcccc tttattgaaa caactcacag cacagtattt      60
gagacagaca gtgttgcccg gcggaacccc aggaggctga gaagtcgagg ttgcggcatc      120
cctcactgcc ctectggggg aggcatactc caagcagacc tgagcggccc cgggctgggg      180
cgggcgatcc acacacagag gcgataagag cacttggaat cagggcagcc atgcagcact      240
gccctaggcg gggatccccc aaagtctgac agtttgggca tcagtggggg ggcaggtgcc      300
ccctcagctg cctttatgag cgcgctcttc cacgtaaagc tgcactttta aaatgtccga      360
cgtcatgggt tttagtggta tcagccgggg gtcatgcatg tggacatcct gctcatccgc      420
caggatccag gggaaatcct tgatgacctg gatcttctcc atgttgcgag tggcggttc      480
tctcgtgtgc accaggactg tgaaggatca gcctgggggg ttgtggtcca ggacggcatc      540
gcacacgctg atcttcagga tgaaggcccc gagcagctgc tccacatgag acaacagcga      600
gtctgagctg atggacagca gtggaggctg ggtgatctca aagacgaatt tctccactgg      660
gcggtgctct ttatccaaaa tcaccaccac cactttctcc acatcattct tctccaggag      720
tggtttgacg cagtgcagcg tgctctggat atactgattc agctccgggt ggcaggacat      780
ctggaccggc acgttgtact tcttgcgttt ctggaagatg cccacggggg agacctcgcg      840
cacgtagagg atgagatgca cagccacctc caggaactcg cagagcacat cggccaccac      900
ttggccaaag ttgaggtctt gtcgtgtgag cgtggtcatc cttcccgtta ccggtctctg      960
gctcgggttc cgcgcgagat cgggcccggc cccgcgcggg ggagccaccg accggaccga     1020
tcgcgcctcc cgctcaaccc ggggcacgaa a          1051

```

<210> 8251
 <211> 714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (355)...(79)
 <223> similar to gi441159 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8251
 ggtgtgtatt cccccctcag tgcgggggga attgtgaaag cgttgataag agtggcactc 60
 tccagtatta tacttctaag ggcactcttt ctgtttccccc tcaccacagg gagcttcagg 120
 tagtggcgcc atctccccct cctccttctc ctccctccccc tccttctcct ctccctcctc 180
 ctgtggctcc gccctgacct cctctgacat tttctgtggt gactcctggg ggccctctggc 240
 ttccctcctgc ggggggtgaag gtctgggtgc agtgtcgggg ccctgggagc tggctggagg 300
 tgcactgggt gcagaagtag tgggggtggc cggcagaggg ttcccgagg gctccagggtg 360
 actcctgtac tgcagccagt tgcggccgaa ccgttcccg aagctgctca tgagctccag 420
 ctccgggtgc tgctgcacga accatccagc cggagagggg ttcagagttc ggggctccgg 480
 gtccgtatca ctgggttcag agatgcttgc ccgcctcaca cggactcggc tctgagggtg 540
 gtggagggag aagttctgtg aaagccaagc ctccagccct gccatccacg gctggccatc 600
 caaccttgac cttatgaagc aggggctggg tcacaacacc ccctgaggag aggctgtcac 660
 tcaggtcagg gccacctgag gtttcaggag tactccccac tggccagggc aaag 714

<210> 8252
 <211> 712
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (582)...(200)
 <223> similar to gi4323233 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8252
 aatacagggt gcattgaggt gaaataatct cctggcaatg ttggagacta gattgctgaa 60
 agagaagtgg atcttggcat ttccacctat gtcagcatct gtggcatgga gctgtgtcac 120
 tgaagtgcct acaggagcat tttctggtat actgacttca atctctgtct ccttaaagac 180
 tgggtggttg tcatttgtat cagtaacact cacttgcaaa atagcagtag tggatctttg 240
 aggaaagcca ccatttcaa cctttacttt catcacgtag gtatccttct cttccctatc 300

taactccttt	tgaacaatca	gttgtggcat	cttgtctcct	cctgggtgttt	caatgacatc	360
gaggccaaaa	atgttttgac	tcttaattag	ttcgtagttt	tgaactccgt	ttattcctac	420
gtcaggatca	acagccgctg	ggagagtata	tttagagttt	atagccgagt	tctctggaat	480
tgatatgttg	ataactgttg	ctgggaacaa	tgggtgcatta	tcatttatat	cttctatcag	540
aaaacgtatc	ttaaccagtc	taaatatttc	atccggcaaa	atggcaacct	ccacttcata	600
aaagcaatgc	tcattccctg	ggataccagc	acataatttc	tcacgatcaa	tgcgagcgcc	660
agtagtgaag	atctcaccag	tatcctcttc	aattcgaatc	agtggcacat	ct	712

<210> 8253
 <211> 733
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (121)...(561)
 <223> similar to gi5059156 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8253						
gggcgactcc	caggcgcggc	ggtacctcac	ggtggtgagg	gtcacaggga	tgcagcactc	60
ccagtagacc	aggagctccg	ggaggcaggg	ccggccccac	gtcctctgcg	caccacctg	120
agttggatcc	tctgtgcgcc	acccctgagt	tggatccagg	gctagctgct	gttgacctcc	180
ccactccac	gctgccctcc	tgctgcagc	catgacgccc	ctgctcacc	tgatcctggt	240
ggtcctcatg	ggcttacctc	tggcccaggc	cttggaactgc	cacgtgtgtg	cctacaacgg	300
agacaactgc	ttcaacccca	tgcgctgccc	ggctatggtt	gcctactgca	tgaccacgcg	360
cacctactac	acccccacca	ggatgaaggt	cagtaagtcc	tgcgtgcccc	gctgcttcga	420
gactgtgtat	gatggctact	ccaagcacgc	gtccaccacc	tctgtctgcc	agtacgacct	480
ctgcaacggc	accggccttg	ccaccccggc	caccctggcc	ctggccccca	tcctcctggc	540
cacccttttg	ggtctcctct	aaagcccccg	aggcagaccc	actcaagaac	aaagctctcg	600
agacacaatg	ttacaccgtg	ggactcagct	gaccctgcct	caccctccac	actccttgcg	660
acctcatgag	ccatgcgcag	ggtggttggt	ctgttcaa	aaagggacgt	gttttccaca	720
ctgaaaaaaa	aaa					733

<210> 8254
 <211> 1703
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1704)
 <223> n = a,t,c or g

<220>
 <221> misc_feature

<222> (1521)...(304)
 <223> similar to gi3043694 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8254

tttttttttt	ttccaagata	gaaaatggat	tcaatttttta	ttaaataaatg	taaaggattt	60
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ttggtagcag	agggaaaagct	actggagcaa	acgctaagt	aatgggttcc	cgtgccgagg	180
gtgtcctcat	tcttgggctc	tgtcaggcct	ccccttgtct	gcaggactgg	gacaggccac	240
cctccccagg	ccctgccctt	gccgcgagcg	tgtccttcca	tacagacaac	agccttgctg	300
ggtcacctgg	aggagctgcg	ctctttgctg	acacagtcgt	cctgggaggt	ggtgtccccg	360
tttcccacca	tgctgcacgt	cctcctcttc	ttcctgcggt	gcactgtccc	atcgccctcg	420
gatccagact	cgactctga	gtcggagtct	gacgaactgg	agctggagga	gctggaagag	480
tcgctggagc	tgctggaagc	tatccctgtg	gactcctgaa	ggtcaaccga	gtctgcgagg	540
actgccaaact	cgggggtgctc	ttgcttcaaa	atcctatacc	atttccttga	taacttttgg	600
ctccctctta	ccgtcttggt	ccataccaca	gggaagttgg	tgctgctggc	aaaattttgg	660
gtgatggcga	tagtagtgct	gagattgagg	acaacatgcc	accagcctcc	tggtagaaag	720
acagtctctc	ctggtttttg	taagatttcc	aggggtttga	attcaggtgg	ccaggttgga	780
agctgtgtcc	ggggataaat	aacattaaac	caggtaatag	cttcgtcttg	ctggttccct	840
ccttcgtctc	gggtcacttt	gatgagttcc	ctgggagtg	tggtaggaaa	caggcaccag	900
cgcttggtgg	cctgaactaa	ggcattccag	gcactgggtc	ccagaggggtc	gatgtgaatc	960
ccagttccgg	agcgtgggtg	ccccatcaca	aaccacctgt	aagggggcct	gcgcttctcc	1020
ccagcatact	ggaaaaggtc	atcagtgaag	aactttggca	ccttgtagtc	ttccaaaagt	1080
ttccttcttt	taggtgtgtc	accatagctg	ctgtcaaaga	tgtaaagggg	actatcatct	1140
cgagtgtctc	ccatgtactc	gatgtagtat	ttcatcttca	tcttactga	gtagccatcg	1200
ttatcctcac	cacacttgaa	cttctggttc	cgatatttcc	tttttaggcg	ctccagagtc	1260
cattttctct	gcgcagacca	gccctcttgc	gcattcaaca	aaaccacggg	cttgtaaggt	1320
ctttcatacc	gctccacaaa	ttcttccaca	gacagctgta	aagcatctgc	cctttccacg	1380
ttatccgcca	cggccgccc	gctcagcgag	aagctctcgt	agtagttgtg	ccgggtccaa	1440
tccagcgagt	ccttgagctc	cggccgcgca	ctccgcttgg	cctcgcggat	gcgcttcttg	1500
ctcttggtgt	tcattctgcg	gggtcgccag	ctggttccgc	tacgacctcg	gcgcagccc	1560
cttcctgaca	ctaaccgacc	cctccccggc	ctgggcggcg	gcgacggcag	tacccaaacg	1620
cccttcgctc	agtcccggcg	cctttaaagt	cgcttccaa	aaaattcact	cccagccac	1680
ctcccagagc	tcgggttggt	caa				1703

<210> 8255
 <211> 1605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (96)...(1092)
 <223> similar to gi726373 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8255

```

atgtggaagc gctcgcgcag gagaccccg gtagcggggc ccggcgccgc taactggagc 60
gaaccccgag gtccgcccag atggcctgga ccaagtacca gctgttcctg gccgggctca 120
tgcttggttac cggctccatc aacacgctct cggcaaaatg ggcggaacaat ttcattggccg 180
agggctgtgg agggagcaag gagcacagct tccagcatcc cttcctccag gcagtgggca 240
tggttcctggg agaattctcc tgcctggctg cttctacct cctccgatgc agagtgcag 300
ggcaatcaga ctccagcgta gaccccgagc agcccttcaa cctcttctt ttcctgcccc 360
cagcgtctctg tgacatgaca gggaccagcc tcatgtatgt ggctctgaac atgaccagtg 420
cctccagctt ccagatgctg cggggtgcag tgatcatatt cactggcctg ttctcggtgg 480
ccttcctggg ccggaggctg gtgctgagcc agtggtctgg catcctagcc accatcgcg 540
ggctgggtgt cgtgggcctg gctgacctcc tgagcaagca cgacagtcag cacaagctca 600
gcgaagtgat cacaggggac ctggtgatca tcatggcca gatcatcgtt gccatccaga 660
tggtgctaga ggagaagtcc gtctacaaac acaatgtgca cccactgcgg gcagtgggca 720
ctgagggcct ctttggtctt gtgatcctct cctgctgct ggtgccccat tactacatcc 780
ccgcccgtct cttcagcgga aaccctcgtg ggacactgga ggatgcattg gacgccttct 840
gccagggtgg ccagcagccg ctcatgtccg tggcactgct gggcaacatc agcagcattg 900
ccttcctcaa cttgcgagc atcagcgtca ccaaggaact gagcgccacc acccgcatgg 960
tggtggacag cttgcgcacc gttgtcatct gggcactgag cctggcactg ggctgggagg 1020
ccttccatgc actgcagatc cttggcttcc tcatactcct tataggcact gccctctaca 1080
atgggctaca ccgtccgctg ctgggcccgc tgtccagggg ccggcccctg gcagaggaga 1140
gcgagcagga gagactgctg ggtggcacc gcactcccat caatgatgcc agctgagggt 1200
ccctggaggc ttctactgcc acccggtgct tccttctccc tgagactgag gccacacagg 1260
ctggtggggc ccgaatgccc tatccccaag gcctcaccct gtcccctccc tgcagaaccc 1320
ccagggcagc tgctgccaca gaagataaca acacccaagt cctctttttc tctactaccac 1380
ctgcagggtg gtgttaccca gccccacaa gcctgagtgc agtggcagac ctgagctctc 1440
tggaacccct ctacagcact agagctaaat catgaagtgt aattgtagga atttaccacc 1500
gtagtgtatc tgaatcataa actagattat catagttatc tagtttatga gtcataagct 1560
agatttgatt cttcaaagaa gaaaagtcag tgagcaaatt taaaa 1605

```

```

<210> 8256
<211> 1076
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (761)...(348)
<223> similar to gi4929755 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8256
tttttttttt ttcatagtgt aatttctttt aatgtatagg attgtttcca actcatcagg 60
tctggtgcaa attctgtcaa cgaatttaaa catggaaaca tccgggctgc ctttcctga 120
aataatccca gggcaaagag cagtagtgag tgattcttct cttttctcgg gttcactttg 180
acctgaagca agttgctatc ttcggagagt atgtatggac cccaacagaa tggggcccag 240
gggtcttcat cccttcaaaa tccctggactg tatcaaaggg aaggcctcgg taattcgtgc 300
tcacccagcc cattcggatc ctggctcctc ctctcttggg gttcagggggg ttcctagagt 360
tttcttggtc ccacccaggc atgggggggt agtgccagc tgagagttct ctctccactg 420
ggcgggggtc cgtgcctgga tggccagcgc atggaccgga cctgccagct cctcgccag 480
cgctgcgtgg accagccggt gtcgtttag ggggctcagt ccctcgaaac gagagctcac 540
cacagccacg cggaaagtga tctcactgcc aggcgggacc gcgtggccac cgctctcgtt 600

```

```

gcgaagctct agcacctcgg ggctcagggc ctctccaac ttcgtgcgaa tggcggcctc 660
caccggaccg atggccccgg atccccgcgt gccctggcac aaacaaacgc ggccagccat 720
ggagaccaga cccaggacca gccgccact cagcatgggc tacgccagag actcagacgc 780
caggagttag ggtcggggcg atccgcctgg tgagagcaca atgtcaacac ccgccccgcg 840
atccccgcat ccgccctaac cccacgcccg gacgtccaca ccagctccta tagggagccc 900
gccttgatgc cacacgggga gacccgagac accgcccctt ttctctacgt gacgtggtga 960
attcgacctc cagttgtggt tgggccgaag cccctgtgtt ccctgtgaag ccccgagac 1020
gccctttcta cctgccgctc agcctcggcc actgcgattc ccgctcaggg ccagga 1076

```

<210> 8257

<211> 2247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2181)...(1581)

<223> similar to gi213414 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8257

```

tttttttttt tgggattttg atcacatgaa acactttatt tattacagca ttgttttaac 60
tcccttataa ccaagattat ccatatttat tgcaaaagca acaatatcaa agaatgcttt 120
aaaatgcaat taaatttggt taatatagat aaactataag taataagatt gttttcatta 180
taatataggt gtcacacatt tctcctggta actaagaaag ataaatgggc agataaaaca 240
taacagtaga agcatctaga atagtaaatt ttattactgg aagtctctcc ctagcaatgg 300
acaaactcaa ccacattcaa cacataagga aaccagggac aagagaggct ggcattcttc 360
actctacgaa tacttagggc actgactatg tgccaggcac ttgctttgtg ctagggatat 420
aaaattaaac atacaaggta cccgtaccca aggagctcac agccaagata atggatgagt 480
gtcctgaaag cagaaattat cacacagctt aataattatt gtgagaaatg catgctcaag 540
atgcaagggt caactcatcc aggcttggga gcaactcttg tgaatgagct gacctggaag 600
gagatgcaga agtcagacag agaggttatg aagcagcggt ctaggaaggc caaagtgcgg 660
gcaagcccag tgcatttaat gaccaaagga gtgacagtac gagggaactc tagtcctggg 720
tttaggagac aatagtctcc tgactccctg ttcagtgcta ttttagaata ctgcctgtgt 780
attgacaagt ctgtgaagat tcagcacata catcaatact cttgcataga aaaaaaagaa 840
gcttacatgg ctcggtgctat gccagtgtag acattaggat tctctaaact gccttgctca 900
aaatgtttct ttagaggaat aattacttcc tattttagct tttcatttcc ttctaaatgt 960
ttatatcaat tgggccatgc cataaaattc ttaagtctgg aagggattta agttatcatt 1020
tttttgga ccaaggaggat gcagggacag ggtggagtag ggctcagtgg gagcaatgcc 1080
caccctgggt cagcaataaa gggggcattc tctgcaggga atttaagaat taataataaa 1140
attgaccaa atcactctgc tttttattat cactaattct gaataatgtc aacaataaat 1200
acttgctgcc aaggcaaact tctcttactg acccttccct atgtgcatgg cactgcatta 1260
tgtgtatacc cgtgcatgca gaaaaccagc cctgaacagg cattagaaat acccaaagtg 1320
tccatattag ccatctagtc agttcatatg gccacaccct cgccattcaa tttcttctg 1380
taaacagagc ttgagtagtc aaaatcagac acatcaaacc cccacatcaa tgtgcatctt 1440
cctaaaatta tatttctctc caattagcat tcacatcttg actagtctca tatccatctc 1500
cagctggggc cgcagggggc tgacatccga tgctgccgct tccctatgca caggctcacc 1560
aggagcagtc ttcgctcatc ttctccagtt gggccatctg gcacgtgctt ggaggggtaa 1620
acaccgaggg gtctttaata cccagctgga tgtcaaaaaa ccgcgtagac aatatcacac 1680
tgtagtttat ggtaaagggt tccctggacag gatagcaatc cttgactgta tagatgccaa 1740

```



```
tccaggtttc ataggatcta gctgactttc tgtccgacca ctcttgagac gtgatctgct 1800
cctgaggccc cccaatggag tactggtctt caaagggtga gttttgagga atgtcaagag 1860
gatcccaggg ctgtgtcagg gtcactcttg agcactgctt ggtggcttgg tcaatctgaa 1920
acatcactcc atccttatac agcaaaatat attcaaataa tctcttgacg gggatcagcg 1980
ccttcctctc gtccagcacc cgcacgcgct ggttgagccc gtcgtaggag agcagggcgc 2040
ggctgttgcg ccgctactt tgcctgtaca taacctggcg cccctcccac tgctgcggcg 2100
cctggcacgg gcgcggggct cccaccgccc ccaggctgca caggccgcac aggggtccagg 2160
cccagaggcc gccagcagc caggcaccca gggcgcccgg gacggtgcgg aggggagcgc 2220
gataaagaaa tcgcggtcag ccttccc 2247
```

```
<210> 8258
<211> 4177
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
<222> (3922)...(1926)
<223> similar to gi3327138 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 8258
tttttttttt ttgtacaaaa cctggaaata tttttacttt tttaaaactt tgatctaagt 60
tgccttagac ctcatggact cgatacaaga gtaaatatga attgggaaat aaaaccactt 120
taatagccac gataaacttt gttagaaatg tacatgttgc caaaataata ataataaaat 180
taaaaaaaag agagagagag aacagcttga tgtccagggt agattatata aatgttcaac 240
aagggcaggg taaaggaaac tttaaaaaca ccagttctga ataagcctgg ggccccgtga 300
gactccccct ctcccaccca gtctcggggc ctaggggactg cgtccctcca aacaggacaa 360
gtgggagtggt ataaggcctc caccaagctg cctctcccag tggacaaaaa catccaggta 420
atgggtatat aaacaaagct cataagaaat gtacaaatat aaaaagctac aaacattaat 480
aaattacagc atcacaaaac acggaaaacac ttcacaaggt gctagtaaaa taactgtatc 540
ccccaatccc ctcatcatac aaggaaaaca aagagctggg attaaagttg aagattcatc 600
ttcaaaatgt gtctgaaata gatcttttgt gtactatttg cttctgtaaa gacagagtgt 660
aaggctgcac agacatcact tgtttttcag gcaatacctt agttcttaaa agaaaaaaat 720
aataataata aaaggaaagg agaaggaaaa agcatcagaa cccaactgtc catctgactc 780
agcaaaaaac tcgtataaat gttaatgaag aactctatag aaagaaattc cttaaagatac 840
ttttactctt ataaaaaaga agttatttaa aaagctatgt acacgctaca ttctatgaaa 900
aatatgcttc aggaaataca tctaaaatta aaatacagga ttgcctgaga aacaaatcca 960
gccccctcgt gtcgatgggtg gacacaccat ccaggtaacga cccatgcagg cgacaccaca 1020
cgctgacacg ggagaacaga gaagtgcga ccgtaagtcc tcgggccgcc tggccactgt 1080
cctgccccct gccccctgcc tgccagtccc agggcagggg tgccctgggt gagaagtgtc 1140
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ccagacccca agatgtgggt gagcccttgc cctttcctgg ggacccccaca atggctcccc 1260
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cattcagggt gaacacccac catcctgctg ccacctgcca accagaaagc tcggggcaga 1380
cccttctca ccgcccagc actgtctgga cttggctgag aatcactcag gaagagaagg 1440
ggggacataa acatcccact tgctcctcct ctttctgtgt tctttgcctt tttttttaag 1500
cccctggagg ctgccagcct gtggccagct ctgactctgg ggctgggtgag cattggctca 1560
ctctgtcttc cttgaaggac tcatgtcttc agcagagctg cagaggccct gcaatcacac 1620
ccacgctcag ggggcctgaa ggctgtcctt aaagtggaat aagcggctct caaacttgca 1680
```

```

gggccgcttt tctgggacag atcactctta gcaacttgag aaaagacgtc ctttttcaaa 1740
ttgagggggc acgctgggct cgctctgccg gctgaaggga cagacgcttg ttggggagat 1800
ggcagccggg aagaggcaag gccctccctg gtgaggcagc tcggcaccct cctgggaggc 1860
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tcttaaagga gtagtttccc gttccgatga attttcaaaa ttttcccaag cctctgcttg 1980
gcggtcgcca tgcctttttt cgtacgtttt cctttggcag cgggtgtgtt gtttgagac 2040
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ctccccttgg cctggccagc tcccacgtg gtctgcaggc aggagtcgga ggcctgcagg 2820
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gtgtcgatgt gcagcgaacc ctcgcccgag gactcatcac tctgcttgta cgctgccgag 3060
tccagctttg gcttcgtgac aggcgtgggc agcacagcct tcttatccaa caagaaggac 3120
aagtcccttt tcggggcggt tttcttctc ctgatgggaa actcgtcgat cttgagctca 3180
cgtcatccg acacgtactc atactcatcc cgcacgggct tgggcttgtc ctccctgaag 3240
ttctgcaagg ccccgaaac accagggctc gtcgggggccc tgagagcctt ggagccgagg 3300
agtttcttgt tggagaaaga aaaagagaac ttattgtctt tgtttccagc tagaggcgac 3360
ttctctagct tctgtctctc ttccatcttc agtaaggagt cagggttgct gttctgtac 3420
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gaaaggctca gctacccac accatcatgt gacacactca caccacacc atgctattgt 4080
gtgacacact cacacctgcg acatgccatg agtcacttgc tctccccaag gctcttctgt 4140
cctaccccag cacagcggct gagggtcat ccaggaa 4177

```

<210> 8259

<211> 946

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(547)

<223> similar to gi31140 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

09458725 "0122100

<400> 8259

cgctctacgg	tgggcccag	ctcgtgttcc	ccgaggccat	gaaccacccc	gcgctgaccg	60
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cccagcaccg	ggaccctctc	catttctacc	cctgggtcct	gcggaaccgc	ttcttcggcc	180
accgcttcca	ggccagcgac	gtgccccagg	acgggctgct	tctgcacggc	cccttcgcac	240
gcaagcccaa	gcggatccgc	acggccttct	cgccctcgca	gctgctgcgg	ctggagcgcg	300
ccttcgagaa	gaaccactac	gtggtgggcg	ccgagcgga	gcagctggcc	ggcagtctca	360
gcctctccga	gacgcagggtg	aagggtgtgg	tccagaaccg	gaggacaaag	tacaaacggc	420
agaagctgga	ggaggaaggg	cctgagtccg	agcagaagga	gaagggtccc	catcacatca	480
accggtggcg	cattgccacg	aagcaggcca	atggggagga	catcgatgtc	acctccaatg	540
actaggtggg	gcaaccacaa	acccacgagg	gcagagtgtc	gcttgctgct	ggccaggccc	600
ctgcgtgggc	ccaagctgga	ctctggccac	tccctggcca	ggctttgggg	aggcctggag	660
tcatggcccc	acagggtctg	aagcccgggg	ccgccattga	cagagggaca	agcaatgggc	720
tggctgaggc	ctgggaccac	ttggccttct	cctcggagag	cctgcctgcc	tgggcggggc	780
cgcccgccac	cgcagcctcc	cagctgtctc	ccgtgtctcc	aacctccctt	ttgttttgat	840
gcatttctgt	tttaatttat	tttccaggca	ccactgtagt	ttagtgatcc	ccagtgtccc	900
ccttccttat	gggaataata	aaagtctctc	tcttaatgac	acgggc		946

<210> 8260

<211> 2224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1640)...(415)

<223> similar to gil63449 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8260

tttttttttt	ttgcagtttt	taaaaaccta	aatattttatt	tattttgcatt	atattttacaa	60
aggtgggaag	gagaccaaag	gagaccccaa	gaacaccccc	acacctggct	gaccaggccc	120
cttgcaactgc	agaggaggca	gacacagctg	ggaaggaaca	ggatttatgt	tgcatacttg	180
aactacagcg	agtgtgaagac	tggtcctatt	tacagggcag	aaacactgca	ggtggagcgc	240
gggggtggca	gggtgggcac	cagagtccctg	gccaagggtg	cccttgccctg	ccatcttccc	300
cacctctccc	agatgcatct	ctgaggcccc	gctgggattc	tccgggggga	acgaggacca	360
ctcacatgat	gctcgtctggg	gtgaagacag	ggccacgcga	cagggtgtct	gtgatctccc	420
agccgcagga	cagaggcttg	cacacaccct	ccacgtcatc	ctcctgttct	gcagccatca	480
gctgccttcg	cagcgcttcc	caggccaccc	gggacatggc	ataggtgatg	tggcaggcct	540
gggtccccc	aaagggggaa	cccatgccca	cagtgtaggc	gcccatgttg	tcaaagacca	600
gccagtcccc	tacgtgtagt	tgcggcagcc	acaggccctc	agccacgcaa	tcacagccat	660
caaccgcggg	gccccacagg	ctgctgctgt	acaggggctg	ctccgtggat	ggtttcttct	720
gcaggatggg	ggtagggcag	atgttgtcaa	acaggactga	gttgaagatc	ccatacacgc	780
cctcatcaag	gtggtacacg	atggtcttgg	aggtggaacc	attttcctcc	tccctgccag	840
gctggtctag	cagaacctcc	ttcttggcaa	tgatgctgac	tgccacagtg	aaggccgagg	900
tcacgtagta	gcgccccagc	tcagcaaaga	tgtccacgcc	acagccctct	gggaagtaca	960

09488725 "0.12100

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ggccaaggc tgagttgatc acggaagcaa tctcttcaaa tctcactttg gccccttctg 1020
tgccagggaa gccaccacca aggtccagaa cgtgcatctt gtgacccagc tcggtgcccc 1080
tttcaaacac gagccgggcg tctgcatgag actgagcata ggcctgaggg tcaggacagc 1140
cactgccaat gtgaaaactc acacccacca cctccacatg gtgcttcttc gcattttcaa 1200
gcaggtgtct gcaggatttc agtgacactc caaactttag gctcaggcag ctacaggagc 1260
gggagtcacg ggtagcaatg cacagaacca tcttggcact ggggtggctc tttaccacct 1320
ttgccagctc catctcattg tcaaagctca gcagctggat cccatgcttg gcagcatatt 1380
tgatctgtgc aatttgctta caggggttgg cgcagatgat cttactggca gggattccaa 1440
tatgctggac caactccatc tctgccttgt tggcacagct aaagcccagc cccagctggg 1500
ccagaacctt cagcacacct gggctgctgt tgcacttgac agcataaaaag ggccggactc 1560
gtggcaggca cttcagaaag caaaagtgtc tcctcactat ggcacccagg tcagccacga 1620
agaaggcagc tacctcgtca agtccattca gcagatgtta gatggcagtt tctacaaggt 1680
gcaatgcagg ggcattggaga aagaaaaatag aaaatctgcc tggggcgatc aggaaaggca 1740
acactgatga gaagcaagga atgacgtggt ggctgtgag gccccagag tgagttcctt 1800
cagcaggtct cgggtactga agccctcctc caccatcaca aagtccgatt cactcaggta 1860
gccagccatg ccttgcagga ggagctgacg ggctggatgg agccgctgct gcagccgccg 1920
ccttagaaag tatgcaacac acaaactccg tcctccttcg cgggggccag agccaggcgc 1980
gctgctaggg ggggtcgccg gtgacctcga aacttgtgca acaccccgag gaggagtggc 2040
agttgcggag ccgaggcctc tgcttaaaac gcatttacac ggcttcggcc cataggtctc 2100
cccagggagt gaatcgatc ctcggcgctc ccgctctctc gcttccccgg gctcgggtcc 2160
cgcggcctgc gccccgccag cccagcagac gaaatcgtcg acccgtaac tcaagagcgg 2220
tcgc 2224

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<210> 8261
<211> 1577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(922)
<223> similar to gil79967 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8261
cgtaaccagc gtggtggaat tccaccgagc agggaggttg cgcacgtccg ggtgtgagtc 60
gtgggagccc gtttcttttt tccatcctcc tgggctgacg cggaagagag gtccttcac 120
ctgctcagc tgcttagga ctacagaaa gggagaagag gcagaaggcc cctcgattg 180
gcacaagctg tatcccattg cccagggaga tcgccaatca cccatcaata tcatctccag 240
ccaggctgtg tactctccca gctgcaacc actggagctt tcctatgagg cctgcatgtc 300
cctcagcatc accaacaatg gccactctgt ccaggtagac ttcaatgaca gcgatgaccg 360
aaccgtggtg actggggggc cctggaagg gccctaccgc ctcaagcagt ttcaactcca 420
ctggggcaag aagcacgatg tgggttctga gcacacggtg gacggcaagt ccttccccag 480
cgagctgcat ctggttcaact ggaatgccaa gaagtacagc acttttgggg aggcgcctc 540
agcacctgat ggcctggctg tggttggtgt ttttttgagg acaggagacg agcaccacag 600
catgaatcgt ctgacagatg cgctctacat ggtccggttc aagggcacca aagcccagtt 660
cagctgcttc aaccccaggt gcctcctgcc tgccagccgg cactactgga cctaccggg 720
ctctctgacg actccccac tcagtgaag tgacacctgg attgtgctcc gggagcccat 780
ctgcatctct gaaaggcaga tggggaagtt ccggagcctg ctttttacct cggaggacga 840
tgagaggatc cacatggtga acaacttccg gccaccacag ccaactgaagg gccgcgtggt 900

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aaaggcctcc ttccgggcct gagctgcca tctgcctagc cggccactag ggcaccatct 960
tctcaagggc ttccatgtca gcagacacca aaccatctga ggcttcctcc ctgggggggtg 1020
ctgggggaccc tccttcagcc agtttgctcc ttggtcaccc tggaggcttc tggatgggac 1080
ccttgagtct ggggcaccct tcagctgccc tgggacagga aggacaggag ctaagcaggg 1140
tccaagcctg gggctgcctc tgctctccaa gacccaaaga ccctgggaac ctctctgtgt 1200
cttccccact ggcagtggca gcagccccac cccgagcgca cactgtgatg gaggagactg 1260
agctccctgg ggcgggcagc tgacactacc agagagactc aagcaataat tagagggtggg 1320
cagagctgcc ctctcgcat tacctcttct gcaggctctg ccatgcacgc acctcactgc 1380
caggccatta aaatcagcac ccagcatgct ggaggtgacg tggccttctc cctccagcca 1440
cctgctgcca cgggcaggcc ctggctatag cttatacagt atctcccctt gtccccaccc 1500
agtacacaaa gccacctaca tgacagtcca tccctgttga attaataaat taatgtatcc 1560
atgcaacaaa aaaaaaa 1577

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<210> 8262
<211> 661
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(398)
<223> similar to gi2062678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8262
ctgcactcca agtatctagc tcctgcacta tgctctcagc cagggatgat gcgctgctgc 60
cgccgcccgt gctgctgccg gcaaccaccc catgcctga ggccgttgct gttgctgccc 120
ctcgctccttt tacctcccct ggcagcagct gcagcgggcc caaaccgatg tgacaccata 180
taccaggggt tcgccgagtg tctcatccgc ttgggggaca gcatggggccg cggagggcag 240
ctggagacca tctgcaggtc ttggaatgac ttccatgcct gtgcctctca ggtcctgtca 300
ggctgtccgg aggaggcagc tgcagtgtgg gaatcactac agcaagaagc tcgccaggcc 360
ccccgtccga ataacttgca cactctgtgc ggtgcccccg tgcattgttc ggagcgcggc 420
acaggctccg aaaccaacca ggagacgctg cgggctacag cgcttgcact ccccatggcc 480
cctgcgcccc cactgctggc ggctgctctg gctctggcct acctcctgag gcctctggcc 540
tagcttggtt ggttgggtag cagcgcgcgt acctccagcc ctgctctggc ggtgggtgtc 600
caggctctgc agagcgcagc agggcttttc attaaaggta tttatatttg taaaaaaaaa 660
a 661

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```

<210> 8263
<211> 716
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (550)...(191)

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<223> similar to gi2634964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8263

tttttttttt	ttgaaggaaa	taagaggagg	ttccccctcgt	acgttcattc	tgttttattta	60
tttgtgtgcg	cacccggctc	cccgcagcct	ccacccctcc	cgcgtcccgc	tttcagaaaag	120
gaacgcggcc	ctcagctccc	tccggaagag	gccccggggt	caggggctgc	agccgggtcc	180
ccgtgcgtcg	gcccagctcg	tccagcaccg	ccttctcctt	ctggaacatc	tgctgccact	240
ctgcctccgt	gccgtgtgtg	aatcccagca	agtgacagag	tccgtgggtg	gccgtcacag	300
tcaggacgtc	attgtaatct	tcattttctt	tacactgatg	gaagatatac	tccactccta	360
ggaaaatgtc	tcccaaattg	tagtcatctg	gaaaatcagg	ctgggggaaat	tcacctgctt	420
tcagatgctc	atgaaatgga	aaagaaagca	catcggttgg	gacatttcta	tctctgtaga	480
ttctattaat	gtgctgaata	ttcttggtgt	caacacagat	gatccccagg	tcaaatttct	540
gcactcctaa	aatcctcctt	acaatctcga	tcttactgcg	aagtggcgct	ctcctgatgg	600
ggatgactcg	ctgcagattt	ctaataacca	aactcatttc	aggaagaata	accagccctt	660
taaaaatggt	tgcaacggaa	ccggtgtctg	gacccagcaa	aggacgcgaa	gctggc	716

<210> 8264

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1053)...(849)

<223> similar to gil89772 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8264

agccagtgcg	tgcaaaccac	accgcgtgtg	tccgctgggt	ctctgggcat	gcagtttgct	60
cccactgcgg	gaatgggggt	ggggcaggcc	gagcctgggc	tctgggggct	ttgctggggg	120
agcttctggt	cctgggggta	cccacttggt	agggagtggg	gggacagctg	gaatagcggt	180
gctcagtgcg	tcctttgggc	gctgttgggg	acacccctcc	tcgctctccc	acaccactgg	240
caccaggccc	cggacacccg	ctctgctgca	ggagaatggc	tactcatcac	acgctgtgga	300
tgggactggc	cctgctgggg	gtgctgggcg	acctgcaggc	agcacgggag	gcccaggtct	360
ccgtgcagcc	caacttccag	caggacaagt	tcctggggcg	ctgggttcagc	gcgggcctcg	420
cctccaactc	gagctggctc	cgggagaaga	aggcggcggt	gtccatgtgc	aagtctgtgg	480
tggcccttgc	cacggatggg	ggcctcaacc	tgacctccac	cttctcagg	aaaaaccagt	540
gtgagacccg	aacctatgct	ctgcagcccg	cggggctcct	cggctcctac	agctaccgga	600
gtccccactg	gggcagcacc	tactccgtgt	cagtgggtgga	gaccgactac	gaccagtacg	660
cgctgctgta	cagccagggc	agcaagggcc	ctggcgagga	cttccgcatg	gccaccctct	720
acagccgaac	ccagaccccc	agggtgagt	taaaggagaa	attcacgcgc	ttctgcaagg	780
cccagggttt	cacagaggat	accattgtct	tcctgcccc	aaccgataag	tgcatgacgg	840
aacaatagga	ctccccaggg	ctgaagctgg	gatcccggcc	agccagggtga	cccccacgct	900
ctggatgtct	ctgctctgtt	ccttccccga	gccccctgcc	cggctccccg	ccaaagcacc	960
cctgcccact	cgggcttcat	cctgcacaat	aaactcggtg	tgccacacca	ctggcaccag	1020
gccccggaca	cccattctcc	tgcagcagga	gaatggctac	tcatcacacg	ctgtggatgg	1080

gactggccct	gctgggggtg	ctgggcgacc	tgcaggcagc	accggaggcc	caggtctccg	1140
tgcagcccaa	cttcagcag	gacaagttcc	tggggcgctg	gttcagcgcg	ggcctcgct	1200
ccaactcgag	ctggctccgg	gagaagaagg	cggcgttgtc	catgtgcaag	tctgtggtgg	1260
cccctgccac	ggatggtggc	ctcaacctga	cctccacctt	cctcaggaaa	aaccagtgtg	1320
agacccgaac	catgctgctg	cagcccgcgg	ggtccctcgg	ctcctacagc	taccggagtc	1380
cccactggg						1389

<210> 8265
 <211> 1803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (136)...(1561)
 <223> similar to gi5902181 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8265	
ggcctacgag	tgcggcgcg
gcggggcagg	cgggcggtg
cccacgcgcg	gggcatgca
actgcggtta	aggaactcct
gctgaatgcc	gcaaccgcct
tgggaatatta	agcccgagag
tttgctgtag	ggggccagta
gacagcccct	gcctccgggt
gtcgggtgtg	agacctatgg
ctggctggac	gcgtcattgt
cacgtggagc	ggcccattct
aacgagaact	ttgggcccac
caggaggagc	tggagaagg
caccattcgg	tcctcatgtc
gtggagatgg	agctctgct
gagttcatct	ttgctcctcg
ttgatagatt	cctgtgcagg
acactctatg	acaacgaaga
acagagctgg	tgtgcgggcg
gccataccca	agtccttcat
ctggacaagc	atgaggagaa
aacagcaagc	aacgctatgc
aacaaagtca	aggtccccct
accattggac	ctatcttggc
caactggcca	tgcactctat
acctcttca	agggtctctt
tgagccctct	tggaaagact
ctgagctgaa	gctggattat
ttggagacta	gaggagtggg
ggagcagggtg	gaggaggcca
tca	

<210> 8266
 <211> 1253
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (122)...(970)
 <223> similar to gi940379 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8266
 cccacgcgctc cggtttctcc gcccgagccg ttccgaggagc tgccgggggc tccttagcac 60
 ccgggcgcgcg gggccctcgc ctttccgcag ctttcaactcc agccctctgc tcccgcacgc 120
 catgaagtgc cgtttctacc gctgccagaa caccacctct gtggaaaaag gcaactcggc 180
 ggtgatgggc ggggtgctct tcagcaccgg cctcctgggc aacctgctgg ccctggggct 240
 gctggcgcg cgggggctgg ggtggtgctc gcggcgcca ctgcgcccgc tgccctcggt 300
 cttctacatg ctggtgtgtg gcctgacggt caccgacttg ctgggcaagt gcctcctaag 360
 cccggtggtg ctggctgcct acgctcagaa ccggagtctg cgggtgcttg cgcccgcat 420
 ggacaactcg ttgtgccaag ctttcgcctt cttcatgtcc ttctttgggc tctcctcgac 480
 actgcaactc ctggccatgg cactggagtg ctggctctcc ctagggcacc ctttcttcta 540
 ccgacggcac atcaccctgc gcctgggcgc actggtggcc ccggtggtga gcgccttctc 600
 cctggctttc tgcgcgtac ctttcatggg cttcggaag ttctgagcgt actgccccgg 660
 cactggtgc tttatccaga tggccaaga ggagggtcgt ctgtcggtgc tggggtactc 720
 tgtgtcttac tccagcctca tggcgctgct ggtcctcgcc accgtgctgt gcaacctcgg 780
 cgccatgcgc aacctctatg cgatgcaccg gcggctgcag cggcaccgc gctcctgcac 840
 cagggactgt gccgagccgc gcgcggacgg gaggaagcg tcccctcagc ccctggagga 900
 gctggatcac ctctgctgc tggcgctgat gaccgtgctc ttactatgt gttctctgcc 960
 cgtaatttat cgcgcttact atggagcatt taaggatgtc aaggagaaaa acaggacctc 1020
 tgaagaagca gaagacctcc gaggcttgcg atttctatct gtgatttcaa ttgtggaccc 1080
 ttgattttt atcattttca gatctccagt atttcggata tttttcaca agattttcat 1140
 tagacctctt aggtacagga gccggtgcag caattccact aacatggaat ccagtctgtg 1200
 acagtgtttt tcactctgtg gtaagctgag gaatatgtca ctttttcagc ggc 1253

<210> 8267
 <211> 1315
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (456)...(964)
 <223> similar to gi2760317 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8267

gtgcttgaag	ggagtgttcc	gtcgtttccg	ttgccggctg	tttgcagtgg	ggaaaccgag	60
gcagctcctg	ctccccctag	ttcttccgct	cctgtgagga	aaaaaaaaatg	tttatttctt	120
tgtgggagtt	cttctatggg	cacttttttc	gatttttgat	gaaatggcta	ttacgacaga	180
tgactgggaa	gtgtgaattg	cagcgaatat	ttgataccta	tgtagggtgca	caaaggacac	240
acaggataga	aaattccttg	acatactcca	agaataaggt	tttacagaag	gcgacacatg	300
ttgttcagag	tgaagtggac	aaatatgtag	atgatattat	gaaggaaaag	aatattaacc	360
ctgagaagga	tgccagtttt	aaaatatgca	tgaagatgtg	cttactgcag	ataactgggt	420
ataaacagct	gtatttggat	gtagaaagtg	tgaggaaaag	gccatatgat	tctgataacc	480
tacagcatga	agagctactc	atgaagcttt	ggaatcttct	aatgcccacg	aagaagttaa	540
acgctagaat	ctccaagcag	tgggctgaaa	ttggttttca	gggtgatgat	cccaagacag	600
acttcagagg	catgggcata	cttgggttaa	tcaatcttgt	gtatttcagt	gaaaattaca	660
ctagtgaagc	tcatcagatt	ctttcccgtt	caaatacatcc	aaaattaggg	tattcttatg	720
caatagttgg	aatcaatctt	acagagatgg	cttatagctt	actgaagagt	gaagctttga	780
agtttcatct	ctataacctt	gttcctggta	taccaacaat	ggaacacttt	catcagtttt	840
actgttatct	tgtctatgaa	tttgacaagt	tttggtttga	agaagaacca	gaaagcatta	900
tgtatttcaa	tttgatataga	gagaagtttc	atgaaaagat	taaaggactt	ttactggatt	960
gtaatgtagc	acttacttta	aaagtataaa	tcatccactg	tatcttctat	ttctaccaca	1020
ttttgcacat	tcaacagaat	ttatatgttg	taataggaat	tatctgatca	attacactct	1080
tatatataat	ttcctacaaa	aatatttcag	aaattctatt	taagaaagct	agtgggacaat	1140
cagtgtatgt	ttacaattgt	ttatacactg	ttctccaaag	gtaccttatc	cttccaaaga	1200
tcccctctgt	agagtcatgc	gaactacagt	ttggaacttg	ggacttagcc	cgttggtgta	1260
aaagtataaa	tcagggtattt	gtatttaaatt	gattaaaatg	tgtaaaatca	aaaaa	1315

<210> 8268

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(184)

<223> similar to gi312070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8268

tttcgtctcc	cggctctcgg	tccgggacgt	gcgcttcccc	acgtttcttg	ggggccacgg	60
cgcggacgcc	atgcacacgg	accctgacta	ctcggctgcc	tatgtcccca	tagaaactga	120
tgcagaagat	ggaatcaagg	ggtgtggaat	taccttcact	ctgggaaaag	gcactgaagt	180
tggtgagttg	aagattctct	cgaggttcca	gaatgcttaa	ttttcagatg	agattctaatt	240
ttagattctt	agattcatta	gaatcttgat	ttaaattgag	ttctgatctt	gtttttatct	300
gtattttacac	tgctcaaagt	gagtaaaaac	agtgtttcat	gggttggttac	ttgtttcact	360
gggagaaaatt	taaaagtgc	agaatttggc	ctctctcctt	gcaatcatat	ctagcctggt	420
agaaaatcct	tggctgttag	accgtttctc	tgtgtcaaat	gaccgctaca	agggtgcttt	480
tcacctgc						488

<210> 8269
 <211> 977
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (829)...(146)
 <223> similar to gi3893157 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8269
 tttttttttt ttcacgttaa aaaaagtttt atttagggag ctccagggaa tgcggtggga 60
 aaggagaggt gcagtgtcat tgccgccctc tcctcccacc tagtgcatta atagtggatg 120
 ggagcatctg acagaagtga gatcaggcag tgggtgtctg caccacacag cgcattgttg 180
 ctggaacagc aaagtctatc tgctgagggt taggcaagtt cagggttgccc atgattttga 240
 caaactcctc acagctgagg gtgagccgag gggtcagagt cctctcctcc tccacgggtg 300
 aactgtgaa cccatggtaa tcgtgagcag ggtagatcag acagtctcct ggaagtgtga 360
 agatcttttc atggaccgag tgggtacaag tcttggcaca gccttgctgg aagtctgtcc 420
 gcccacaccc acggatcaac agggcatctc cagtgaaggc catgctgtgg tcattcagga 480
 cgaaggtgac acagcctggg gtgtggccag ggctggccct ggtctccaac gcgaagcgcc 540
 cgaagcggat ggagtctcca tcctcaatgt gtaagtcagc ctgggccccca ctaaggcggg 600
 agatgacaga ctggcgagcca gggaggaggg aacggagcag ccccgagcct gtaatgtggt 660
 ccgcgtggca gtgggtattc acagcataga gcagccgcag ccccgactcc ttgatcagct 720
 gggcatcccg aggcgtgtt tccaggactg ggtcgatcag aacggcctcc cgggactctc 780
 tgtcaccag caggtacgtg aaggtgcagc tcacaggctc gaacatctgc cgcaggagga 840
 tgggggctcc agaccgcgcg cgctggctca gctgccgcg ggcgaccctc agtacagcct 900
 ccgccatcgc gccactgcg gggtcaggaa tgagcggagg ccgagcgtct gcaggagccg 960
 ggcgctacgg cactagg 977

<210> 8270
 <211> 1829
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (598)...(1239)
 <223> similar to gil574372 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8270
 ggtgtgagtg tgtgggagtg agagtgtgtg ggagtggggt gagggagaag ctgacgggac 60
 gcgaggctgt gagaaactgg gcgagtgtgc gaggacgccc ggccagcctg cgggagccgc 120

```

agtcggcgga ggagaaagga ggcggctccc ggtatcccga cccctcccc ctctctttct 180
tccccactt ccagccgccc ggcggcccg gctttctcga aggccccagc ccggctcagt 240
cggccgagag cgagggagga gccccccgac ccaggtagac gttacatcca agaggaaata 300
atccaggcaa ggaagcaca gctgatcaag atgtgtagtt ctgtggctgc caagttgtgg 360
tttttgacag atcgtcgcat cagggaagac tatcctcaaa aagagatttt acgagcattg 420
aaggccaaat gttgtgagga ggaactggac tttagggctg tggatgatgga tgagggtggg 480
ctgacaatcg agcaaggaaa cctgggtctg cggatcaatg gagagctaata cactgcctac 540
ccacaagtgg tggtagtcag agtaccaacc ccttgggtgc aaagtgatag tgacatcact 600
gttttgcgcc atctagagaa gatgggatgt cggttaatga accgacctca agccatcctg 660
aactgcgtta ataagttctg gacatttcaa gagttggctg gccatggtgt tcctctgccg 720
gatactttct cttatgggtg ccacgaaaaa tttgctaaaa tgattgatga ggctgaagtt 780
ctggagttcc caatggtagt aaagaatacg cggggtcaca gaggtaaagc tgttttcttg 840
gctcgagata agcaccattt ggctgatcta agccatctta ttcgcatga agcgccatac 900
ctgttccaga agtatgttaa agagtctcat ggacgggatg tacgtgtcat tgtcgtggga 960
ggccgtgtgg ttggcaccat gttacgttgt tcaacagatg ggagaatgca aagcaactgc 1020
tcattaggtg gtgtggggat gatgtgctca ttgagtgaac aagggaagca gctagctatc 1080
caggtgtcta atatcctggg gatggatgtg tgtggcattg acctgctgat gaaagatgac 1140
ggctccttct gcgtctgtga ggccaatgca aatgtagggt tcatcgctt tgataaggct 1200
tgtaatctag atgtagctgg tatcatagca gactatgccg cctcccttct accctctggc 1260
cggctcacc cgcgtatgtc cctgctctcc gtggtgtcca ctgccagtga gactagttag 1320
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gttgacagcg accctgaaag cagcgagcga gagctgctca ccaagctccc agggggcctg 1440
ttcaacatga accagctgct agccaatgaa atcaaaactac tggtaggactg actccactgg 1500
taattaacca acaaaaccct tgtaaaactt tctttcttct tttctatttt taaaaccaac 1560
ttgcaatgct gttcatggag gatgctcagg aagatgagag aaaattacta cgattagttg 1620
gagagagtgg gagatagatg agacctctgc tagtaagatg ttactttcat ttacaaatcc 1680
tacaatatga gaggcagaat aggtggggta tagaaaaatg tcaggctctc atagttaccc 1740
ttttaaatg ctaaaaaatg tgtatgctca taggccatga ggaacaaata cttttttttt 1800
ttcatggtcc cttgcttttg tttttgtac 1820

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<210> 8271
<211> 1644
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (167)...(617)
<223> similar to gi557673 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 8271
tttctctcc cgagctctcc tccgcgttcg cagccgcccgt catcccgcgaggaggcgcgc 60
agccccgggg aggcgggagg acgcgcccat agaatgccca ggggcgacaa actgtcctga 120
gccccctctg tgagccacc tgctgtctcc atacgccccg ccacccatgg agtcagagg 180
gaagtcagcc agcagcccca agcccgcac caaggtgccc caggtcacca ccgaggccaa 240
ggtacccccg gcagccgatg ggaaagcccc cttgaccaag ccctcgaaga aggaggcccc 300
ggccgagaag cagcagccgc cagcagcccc caccacggca cctgccaaga agacctcggc 360
caaggccgac cctgcccttc tcaacaacca cagcaacctg aagccagccc ccacggctcc 420
cagcagctcc gatgcaacct cggagcccaa gggctcctggg gacggggcgaggagaatga 480

```

```

ggctgccagt ggggggacctg gggggccgagg tccctgggtcc tgtgagaact tcaacccccct 540
gctgggtggct ggggggtgtgg ccgtggcagc catagccctg attctcgggtg tggccttcct 600
ggtccggaaa aaataatacc tgggggcccag gcgggggggca cggagccact tcctgtacag 660
acccgaggaa gccagtgcac gcagagttca cccttaccta ttcgtacaca cgcacattca 720
ttacacacct acatatgccc ccaacacacg cgacgggtga agaggacgcc cgagcccacc 780
cctgctgacc caggacttcc ccaacctcca gggcagaaaag agcccaggct ccgggggtcca 840
cagcacagga tgtggggcga gggcacagct ggggaacggc aagaaaggaa tggaccctgt 900
gtgtggcccc cccacccctg gcggtgggt gatcctgggc cccaggggt ggtctgagt 960
caggtggggg tgccgggatg ggttgggcct gggcccggcc ctctgtggga cattaagggt 1020
cgcggtggct ccactcgccc catttctgct ctttgcgtac ccaccggggg tctgcatggg 1080
cgaatgcagt gggacggacc tgggggtgggc actcacctca gcagagcctc aatgccacct 1140
ccccacacca cccaagccta gctgggtggg aagacggagc cctgaagcct gcgtgtggag 1200
gggggtgctgc ccaaggctcg ccttccccag cttgtgctcc aggggagccc cgacgccggc 1260
ggggaggcag ggatgtcgag ggccccctcac agctgtgccc cgccctgccc cgttagactg 1320
cccctccag cttgcacccc agcacccacc tgagtctaac cagcgtataa tgcaataaca 1380
ggtagagtag aactgctttt ggcggcgacc gtcacacact gtcctcagcc cactgcaccc 1440
tggggaaacc cctcgtgcag cccctcctta gcacatccag tcccagcgtg gcccttggcg 1500
cgcagcagca ggcgaactcc cagaaggtgg tgggtggcac tgtgagaacg tggcctgccc 1560
tgcaactggc cagtggccac aggaaccccc ggctgagtgt gaggctgagt ctgaaataaa 1620
ctctgtcgtc tgaaaaaaaa aaaa 1644

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<210> 8272
<211> 2293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2249)...(922)
<223> similar to gi5281517 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8272
tttttttttt ttaaggattt actaatattt attaatgtcc accaacattt caacgggcca 60
caggcagggc tgggagttgg gggagaagga gtggctcccc tcccgacaac aggtgaccct 120
cacccccggc tcagggcccc gaggggggtc tggaaacact cagcgtcaag gagcggaggt 180
gaatggcttc ctgttctcac ctccgggtcc aggcactggg ggtgaggaag tggctgggag 240
gccaggaagc tggaggaggg gaggtgctgg gggccagggc tgtgcgggag gggatgggat 300
cctgtgggta ccttggcccc tgtgccaggg tcgggggaac gtgacactag gtgagaattg 360
ggtagaaagt gtgtgtgaaa gggcatgcgt gcatgtgatg ttggtgccat atctataggt 420
gtcgttgtca tgggtgtgtg tgtcactgtg tctgtgtgtg acatcatcac cgtctgtgtg 480
atgccatcgc cgcgtctgtg tgacattaat atgtgtgacg tcgacatggc ccgtgacgtc 540
gttgcgtgat ctccgtgtga cgtcatgcca agttccccc gtctgtgtgc gacgtgctgc 600
atctgcacga cgcctatcgt atatctcttc gtgacgtcta catggccacg tgacgccatc 660
accacggtga tatgtgacgt cagcgccggt gcttgcgtga cgtcatctcc gcggccgtgt 720
gctctgggtg agggatcgtg aggcgcgggt gcgggtgtga gagggtaact ggggtttgca 780
tgcaggaggt tgtctgatgg tggccctggg tgggtggggg cggcgggagg ggggttgtgc 840
gggcgctgtg agcatatccc tgcatcctcc gcaaaccgcc gagtcgggcc atcccttggg 900
cctcaggcct ggagcctcct cagccactgg atggggctac agggatgcct gcagggggcc 960
tctgggactc caggatcttc ctcttgaact cctccaggct agctgggtcg atgggctggg 1020

```

```

ggttggggac agggcccatg ggccttgaca ctggcatcat cggtcgcgac ttggtcttga 1080
tgcaggtgtc cagggtgag tttctgatgg ccagctccat cctgagctgc tccgcctccc 1140
tcttcttctc ttccagctcc ttggccaggt tgtctcgttc cttccgcagc accgccttct 1200
cctccagcgc tagctgggtc tgccgggagc attcagcttg gagcttggcc tcccgggcct 1260
gagcctcctt ctccaccttc tgtttcgcct cctgactggc ccgcaggccc tgctgggcctt 1320
ccagcttctg gcgttgaggg tctgagttct cgccgggccac gcgttcgata tccgcccgga 1380
ggctccgggc cagctcctcc accttgaggc tcatgaggct gggcatgtgg tcgcaggctc 1440
tgccgatgga ggccaattcc gagcccaggg gatggtagag gttgtaaccc aggttgtcca 1500
ggctgcgtgg gataatggag tccctccaca ggttacgaag gtccatctca aacttgtcct 1560
tgtccagggg caggcagagg gcttgacct tttgcagttg ctccctggcc agctggcgct 1620
cttggtgctg cagctcccgg gttttcacgc attcaaccag ctgttcctcc gccacgcgtt 1680
tgttcagcag cacgctttcc ttatccttag tgcaaatggt cttctccttg gctatctcca 1740
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tgtccttgaa ttgatctctg cattgcttct cactcaagat gatggcagcc atgtacctct 1860
gattgttcgt gtagatgacc cggtcaccct ggcaactggc gaagctggca ttgatgcggt 1920
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agttgagctc cttggtcaag ttggactggg aggcctgag ccctaggagc tgactgtata 2040
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catagaccat gaagagcacg agccccagga tgatgaggaa ttggatgagg gagacgaaga 2160
ggaagaagta gcgcaggtaa taccagcagc cccgagagct gccccccgcc cgagcgtagg 2220
accctccgtg ctccatggcc agaccattt gctcgatccc gcagtccggt gcaccgtccc 2280
tgctcacacg aaa 2293

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```

<210> 8273
<211> 3421
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(3422)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (528)...(2329)
<223> similar to gi31658 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8273
acatccccgg gtcgacgatt tcgaggggag cttctttctt gctcacctg gcgatggcta 60
gtatggccgc agagtgagac aaggctccca attgcatcct tggaggcaaa gttaaagatt 120
ttatgattaa gtacttaaca tttcctgttg gaagtttggg ggcctcagat ttctcctctg 180
agcaggacat acaacagagg gttggacaca gatggccaga gttgaagcta ggccaggaaa 240
catcgctgtg tctttggaaa caaaagtcac cttccttcct ccaggagcaa gggcggggtga 300
gaggaagagg gcttatagag agccttttca agcccctagc ttgggttatgg gttattttgt 360
ttttgtcatt ttaggggtgag gcaactccaa ggtcctactc tctttctgtg cctgttaccc 420
accccgctct cctaggggtgc ccttgagccg caaaactgct gtccacgtgg accgggggtg 480
acatcgcacg tccatctgcc aggaccctg cgtccaaatt ccgagacatg gcgaccaacg 540
gcagcaaggt ggccgacggg cagatctcca ccgaggtcag cgaggccctt gtggccaatg 600

```

acaagcccaa	aaccttggtg	gtcaaggtgc	agaagaaggc	ggcagacctc	cccgaccggg	660
acacgtggaa	gggcccgttc	gacttcctca	tgtcctgtgt	gggctatgcc	atcggcctgg	720
gcaacgtctg	gagggtcccc	tatctctgcg	ggaaaaatgg	tgggggagcc	ttcctgatcc	780
cctatttctt	gacactcatc	tttgccgggg	tcccactctt	cctgctggag	tgctccctgg	840
gccagtacac	ctccatcggg	gggctagggg	tatggaagct	ggctcctatg	ttcaagggcg	900
tgggccttgc	ggctgctgtg	ctatcattct	ggctgaacat	ctactacatc	gtcatcatct	960
cctgggccat	ttactacctg	tacaactcct	tcaccacgac	actgccgtgg	aaacagtgcg	1020
acaacccctg	gaacacagac	cgctgcttct	ccaactacag	catggtcaac	actaccaaca	1080
tgaccagcgc	tgtggtggag	ttctgggagc	gcaacatgca	tcagatgacg	gacgggctgg	1140
ataagccagg	tcagatccgc	tggccactgg	ccatcacgct	ggccatcgcc	tggatccttg	1200
tgtatttctg	tatctggaag	gggtgtggct	ggactggaaa	gggtggtctac	ttttcagcca	1260
cataccccta	catcatgctg	atcatcctgt	tcttccgtgg	agtgacactg	cccggggcca	1320
aggaggcat	cctcttctac	atcacaccca	acttccgcaa	gctgtctgac	tccgagggtg	1380
ggctggatgc	ggcaacccag	atcttcttct	catacgggct	gggcctgggg	tccctgatcg	1440
ctctcgggag	ctacaactct	ttccacaaca	atgtctacag	ggactccatc	atcgtctgct	1500
gcatcaattc	gtgcaccagc	atgttcgcag	gattcgatcat	cttctccatc	gtgggcttca	1560
tggcccatgt	caccaagagg	tccattgctg	atgtggcggc	ctcaggcccc	gggctggcgt	1620
tcttggcata	cccagaggcg	gtgaccacgc	tgcctatctc	cccactctgg	gccatcctct	1680
tcttctccat	gctgttgatg	ctgggcattg	acagccagtt	ctgcaactgtg	gagggcttca	1740
tcacagccct	ggtggatgag	tacccacagg	tcctccgcaa	ccgcagagag	ctcttcattg	1800
ctgctgtctg	catcatctcc	tacctgatcg	gtctctctaa	catcaactcag	gggggtatct	1860
atgtcttcaa	actctttgac	tactactctg	ccagtggcat	gagcctgctg	ttcctcgtgt	1920
tctttgaatg	tgtctctatt	tcttggtttt	acggtgtcaa	ccgattctat	gacaatatcc	1980
aagagatggt	tggatccagg	ccctgcatct	ggtggaaact	ctgctggtct	ttcttcacac	2040
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gaaactatgt	tttccccaag	tggggccagg	gtgtgggctg	gctgatggct	ctgtcttcca	2160
tggtcctcat	ccccgggtac	atggcctaca	tgttctctac	cttaaagggc	tccctgaagc	2220
agcgcatacca	agtcatggtc	cagcccagcg	aagacatcgt	tcgcccagag	aatggctctg	2280
agcagcccca	ggcgggcagc	tccaccagca	aggaggccta	catctagggt	gggggccact	2340
caccgacccg	acactctcac	ccccgcacct	ggctgagtgc	gaccaccact	tgatgtctga	2400
ggataccttc	catctcaacc	tacctcgagt	ggcgagtcca	gacaccatca	ccacgcagga	2460
caggggaggt	gggaggacag	ttagacccct	gggtgggccc	tgccgtgggc	aaggataccc	2520
ggtggcttct	ggcacctggc	gggctggtga	cctttttaat	ccaggcccca	tcagcatccc	2580
acgatcggcc	ttggttaacc	ccgcggtaga	tcatttttat	cccgccaggg	agtgtgatgc	2640
aggaagacca	catgcgctcc	tggcttttaa	acctgttctt	gactgttctc	ttactgcoga	2700
aacccttgac	tgttatctcg	gactttgcag	gagttccttt	ccctccgaac	gctgctccat	2760
gcacaggaaa	agggcattht	gttacaatgg	gggactttcc	cgggaacgct	tgctcttaag	2820
taccagaagc	cggcggagct	ctggctttcg	tgattttggg	tttctccttc	ccaaggcagc	2880
tggattgaaa	aaacaaaaca	aaacaaaaaa	acccaggggc	gtcagtcgat	attctcaggg	2940
ccgcttctcc	tgcagtctgt	ggagcgtcct	tgtccccgcc	gccggaatga	atgagcattc	3000
tgacgcccga	tgtccctgtc	cctcctctgc	cgggccattc	tgattggacc	tggcccagtg	3060
caatctgtcc	agacaagccc	tgcttgctgg	aaaactgcc	caagcacaat	tgatctcttt	3120
ttatcgccat	tccagggggc	tcaggctcta	ctggggaaac	ttcctatacc	ggagctccag	3180
tttctcttaa	gctgcccaat	ttcacagagt	acaaaatagt	tgtaggggaa	atcaagggtga	3240
aggatctgtc	cgacagtcaa	gacggatcca	caggaaatctt	tcggtctcct	taaactacca	3300
ccctcgtctg	cacccacccc	aagggtgnttg	ccgcctcacc	ttccttgaaa	tttctcagcg	3360
ggagtctcaa	cacaaccact	aaaaccacc	cagaccgtgt	attgcgggccg	ctcgagagga	3420
t						3421

- <210> 8274
- <211> 1483
- <212> DNA
- <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1484)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (181)...(749)
 <223> similar to gi2585991 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8274
 tcatggcaag agcgagcagt ggtgctgatg ttgagagaag cccagggtag cactaattga 60
 gggagtgagg aagagagcag ctgccttcta actggactgc acgttgggtga cagcgtccca 120
 agctgggtgac agaccactc tgtaactttc agctagattc agccaccaga tcccagaaac 180
 atgacccttg ctgcctacaa agagaagatg aaggagctcc cgctgggtgac cttgttctgc 240
 tcctgcttcc tggccgatcc cctgaataag tcgtcctaca aatatgaagc agacacggtg 300
 gacctgaatt ggtgcgtcat ttccgacatg gaagtcacg agctgaacaa atgcacctcg 360
 ggccaatcct ttgaagtcac cctgaagcca cctccttttg atgggggttcc cgagttcaac 420
 gcctccctgc caaggcggcg agaccatcc ctggaagaga tccagaagaa actagaagcg 480
 gctgaggagc gaaggaagta ccaggaagcg gagctcctga aacacctagc agagaaacgg 540
 gaacatgaga gagaggatg ccaaaaggcc attgaggaaa acaacaactt catcaagatg 600
 gctaaggaaa aactggccca gaagatggaa tccaacaagg agaacaggga ggcccacctc 660
 gccgccatgt tggaacggct gcaagagaag gacaagcacg ccgaggaggt gcggaaaaac 720
 aaggagctga aggaagaggc ctccaggtaa agcctagagg ccaaagaact ttccagggtca 780
 gccggacagc tccagcagct ccacgttcca ggcagcctcg cccgccggct gcgctcccag 840
 cactgggggt tggggggagg ggggtggcca aggggcgggt tcctctgctt ttggtgtttg 900
 tacatgttaa gaattgacca gtgaagccat cctatttgtt tccggggaac aatgacgggg 960
 tgggagaggg gagaggagag agtttgggaa agggagatgg agaagaactc aaggacattg 1020
 caaccctgcc cggcgagat ctgattttca catctctacc tggacattga gcctccaggc 1080
 accatgttga ggagagatga aaaccagggc ggtagaactt cagggtgaag gacagagtcc 1140
 tgggtggggc agcggctgca gggcgaccca gagaaccag ccagaggggg tgtgagtacc 1200
 agtgggtgtg cttccaccct gcagcagggtg ggatgaggtc tgtgtgtgtg tgtgaaccat 1260
 cattttttga tcatcatgac caatgaaaca ttgactccaa gtgtccagtt ctttattttc 1320
 caaatgtgtc ctttgggtaa ttgttaaaaa gttctcgaaa cctggctttc atccatctga 1380
 tggcagatgc ccctttgctt ccttaattct gccattcaag catctggagc ctgggtgagg 1440
 tgggttgaat cangccagcc tttggcataa ttgaaaggtt ttt 1483

<210> 8275
 <211> 2646
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(1808)
 <223> similar to gil477468 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8275

tttcgtgtgg	agcaagatgg	cggtctcatct	gtcctacggc	cgagtgaacc	taaacgtggt	60
gcgcgaggcg	gtgcgtcgcg	agctgcgcga	gttcctggac	aagtgcgcag	gaagcaaggc	120
aatagtttgg	gatgaatacc	taactggacc	ctttggcctg	attgcacagt	attcactatt	180
gaaggaacat	gaagtggaaa	aaatgttcac	acttaaagga	aatcgtttgc	cggcagctga	240
tgtgaagaat	ataatttttt	ttgtcagacc	caggctagag	ttgatggata	taatcgctga	300
aaacgtgctc	agtgaagata	gacgaggccc	aacgagagat	tttcatattc	tgtttgtgcc	360
acgccgtagc	ctggttggtcg	aacagcggtt	gaaggatctg	ggtgtcttgg	gaccccttat	420
tcacagggag	gagtacagct	tagatctcat	tccattcgat	ggggatctct	tatccatgga	480
atcagagggg	gcattcaaag	agtgtacct	ggaggggtgac	cagacgagcc	tgtaccacgc	540
agccaagggg	ctgatgaccc	tgcaagctct	gtatggaacg	atcccccaga	tctttgggaa	600
aggagaatgc	gctcggcaag	tgccaatat	gatgatcagg	atgaagagag	agtttacagg	660
aagccagaat	tcaatatattc	ctgtttttga	taatctcttg	ttgcttgatc	ggaatgtgga	720
tttattaaca	cctcttgcca	ctcagctgac	atatgaagga	ctcattgatg	aaatttatgg	780
cattcagaac	agttatgtga	aattacctcc	agagaaatth	gcacctaaaa	aacagggcga	840
tggtggttaag	gacctcccca	cggaagcaaa	gaagctgcag	ctgaattctg	cagaggagct	900
ctatgctgag	atccgagata	agaacttcaa	cgcagttggc	tctgtgctca	gcaagaaagc	960
aaagatcatc	tctgcagcat	tcgaggaaaag	acacaatgct	aagaccgtgg	gggagatcaa	1020
gcagtttgtt	tcccagttgc	cccacatgca	ggcagcaagg	ggctcgcttg	caaaccatac	1080
ctcaattgca	gaattgatca	aagatgtcac	tacttctgaa	gacttttttg	ataaattaac	1140
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gtgtaatagt	gggctcaaac	aaaaagtttt	ggattattac	aaaagagaga	ttctccagac	1320
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gcagacgggg	ggcagaaaaca	attacccaac	tatacggaaa	acattacgcc	tctggatgga	1440
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cagtgtgcgg	ctggcccagc	tgctttcccg	gcctggctgg	cggagcatcg	aggaggctct	1560
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tgtatt						2646

<210> 8276

<211> 3048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (643)...(3049)

<223> similar to gi3059135 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8276

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cttgaccag	gaagaagtct	tagcagccag	cgggcccttg	tcaggaaact	ctaaggta	180
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ggaccagcca	gcgctcctca	ggagtctcac	tgaaacagaa	ccatgggtca	tccccgcctg	660
gagttcagcg	actgctacct	ggacagcccc	gatttccgcg	agaggctcaa	gtgttatgag	720
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cctccctgcc	gggcagctac	tccccaaaag	ccagaaccaa	agccagatat	tgtggctggc	2940
aatgcggggg	aaatcacatc	atctgtggtg	gcttccagga	ccagggtttt	tgaaacagct	3000
tcccggaaaa	caggaagttc	tcaaggcaga	cttcctggag	atgaaaagt		3048

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<210> 8277
<211> 1570
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(1044)
<223> similar to gi688408 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8277						
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gcgggagcgg	gagcgggagc	cggagcgaga	gcgcgcgggc	gcggccgaca	gtgcctgatt	120
tgagatgggg	tcccagggtc	cggtggaatc	gggagctctg	cacgtggtga	ttgtgggtgg	180
gggctttggc	gggatcgtag	cagccagcca	gctgcaggcc	ctgaacgtcc	ccttcattgt	240
ggtggacatg	aaggactcct	tccaccacaa	tgtggctgct	ctccgagcct	ccgtgggagc	300
agggttcgcc	aaaaagacat	tcatctctta	ctcgggtgact	ttcaaggaca	acttccggca	360
ggggctagta	gtggggatag	acctgaagaa	ccagatggtg	ctgctgcagg	gtggcgaggc	420
cctgcccttc	tctcatctta	tcttgccac	gggcagcact	gggcccttcc	cgggcaagtt	480
taatgaggtt	tccagccagc	aggccgctat	ccaggcctat	gaggacatgg	tgaggcaggt	540
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agagattaaa	acagaatatc	ctgagaaaag	ggtcactctc	attcactccc	aagtggccct	660
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gtgctgatgc						1570

<210> 8278
 <211> 1104
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (806)...(449)
 <223> similar to gil850098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8278
 gggtttttttt ttaaaaaata aataatgagc ttttattatt ctcaacaaca gagaagactc 60
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 tggaagacac gcctcagaga ttctcccagt cctgccaccc tgtgggagac acttcaaagg 180
 aatcgtaaac tcatgtgacc agcagggagg acaacgatga agaaactttc ctgcctaaaa 240
 tcagctgctg tccagagcta gcacctggaa ggagacactc cctctcctgg ggtcacatct 300
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 tctatcctgc tgctttctct gactgcatct tcctctgttc cttgggtcagt gtttgagaag 420
 agaatgttga acaagtcaca tccttgtcac tctgagtcag aacctcatt tgacttggaa 480
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 tgttgtttat tgtctcgtat gatgtcatac atgaaatcct catgtgctac tctgaactgt 720
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 cgtggccagt ccccgccgcc cattctctct tcttccgggc ctcgccacac caaactgca 900
 ggacccgtgt cctcgctcct tctccatagc agaggatgaa aagaacgggg tttctccatg 960
 tcgcagtggc ccagggaact cagaggtgga gcgcgggggc agcgtgctcg gttgaacttg 1020
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 gtcccgggaa atccaagccg ggcg 1104

<210> 8279
 <211> 3205
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3011)...(1114)
 <223> similar to gi5931594 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8279
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agtcagatttt	tctgtccccc	agagggagaa	ctcccgacc	cccagttccc	agggggcctg	180
gtgtttgagg	agctgcatca	agctgcatct	tcttacaagc	ccaggggaga	aaggatgtgt	240
taaagggtag	aagttgttca	ttttgttttc	ctttgcaaga	ttttgataga	atctagtata	300
aaggctgtct	ggcttagctc	agaatgcaag	aaaaggtggt	attctttcgc	atttgggcac	360
ttcacagagg	gcatgggcac	tcccccatct	aaacaggctt	gaaaaaggac	acagacccaa	420
gagaggccct	tgcggaggcc	cagcaaagag	tggttcagga	tgcacagaca	ggctctctgg	480
ggctgtgggc	caggagtggg	aaagccacct	tagtcctgct	ggagcagatt	tgggaagggt	540
catgggaaca	agtttctctg	ctctggggtc	tgggccacag	tctaccatgt	cccatctctc	600
tggttctgcc	cagtgttctt	tcttctctgt	catccccagc	acctcatcag	tgtctccccg	660
tcctgaacac	catggtcaat	catcctgggg	cttctcacat	ctgtgaaaga	acaggtctct	720
cgaccaccta	ggggtagact	tccaggatgg	tgcctgctta	actttcctac	aatccagggt	780
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<210> 8280
 <211> 957
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (237)...(534)
 <223> similar to gi3549666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8280

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gtttgggtaa	ctgtttcctt	tccaaaagga	ctctctgggt	acgccgtctt	tctctttgcc	180
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<210> 8281
 <211> 2279
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1397)...(582)
 <223> similar to gi2104536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8281

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<210> 8282

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8282

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<210> 8283

<211> 1971

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (307)...(1279)

<223> similar to gi4226073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8283

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<210> 8284

<211> 5365

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(4137)

<223> similar to gi2224663 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8284

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<210> 8285
<211> 581
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (528)...(334)
<223> similar to gi4679018 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400>	8285					
tttttttttt	ttcaaatgag	ttggtttaat	ttcaggtgat	acaaagttta	gggtagaaca	60
aggaccaaag	aacagactct	ggcaagattc	tgagctggtt	ttactttaaa	ttcacagtta	120
tggtaggaat	gacttagtga	aaacaactaa	agagatgatg	agccactgta	agatttttct	180
ttttttacaa	aagtttattc	ttaaatgtac	aacagctcca	agacaacact	taattccagc	240
tatacgtggc	aaaagatggt	atggcaggga	atagagaggt	ttaaatacac	atgaaataaa	300
gggtcaccat	ctcctcaggc	acaaggaaca	gcttactttt	tgccagattt	cttaattcca	360
cctgtggcca	agggccctt	ccccgcggcc	ttcgctttta	gctcctcgag	tttcttctgc	420
tcctcttttt	gtttctgctt	gaaagcctta	tcttcctcgt	ccatctcctt	ggcctgcttc	480
ttgggctggt	tcagtggctt	cttcttgcca	ccttcgcggc	cggacatggc	gcctgccggc	540
gcttccccag	accctgccac	cggaaagctc	cttcagaaaa	g		581

```

<210> 8286
<211> 1682
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (20)...(1030)
 <223> similar to gi4680691 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8286

ggccccgctcc	aacatcagaa	tggtaacagc	tttcaggagc	ctaccagccg	gcagctccgg	60
agctgcccgc	gccatgtccg	cgcacaatcg	gggcaccgag	ctcgacctta	gctggatctc	120
caaaaatacaa	gtgaatcacc	cggcagttct	gaggcggtcg	gaacaaatcc	aggctcgcag	180
aaccgtgaaa	aaggagtggc	aggctgcttg	gctcctgaaa	gctgttacct	ttatagatct	240
tactacactt	tcaggtgatg	atacatcttc	caacattcaa	aggctctgtt	ataaagccaa	300
atacccaatc	cgggaagatc	tcttaaaagc	tttaaatatg	catgataaag	gcattactac	360
agccgccggt	tgtgtttatc	ccgcccgggt	gtgtgatgct	gtaaaagcac	tcaaggctgc	420
aggctgtaat	atccctgtgg	catcagtggc	cgctggattt	ccagctggac	agactcattt	480
gaagacacga	ttagaagaga	tcagattggc	tgtggaagat	ggagctacag	aaatcgacgt	540
ggtaattaac	agaagcttgg	tgctgacagg	ccagtgggaa	gccctgtatg	atgagattcg	600
tcagtttcgc	aaggcctgtg	gggaggctca	tcttaaaaact	atattagcga	caggagaact	660
tggaaactctt	actaatgtct	ataaaagccag	tatgatagca	atgatggcag	gatcagattt	720
tattaagacc	tctactggaa	aagaaacagt	aaatgccacc	ttcccggtag	ctatagtaat	780
gctgcgggcc	attagagatt	tcttctggaa	aactggaaac	aagatagggg	ttaaaccagc	840
aggaggcatc	cgcagtgcaa	aggattccct	tgcttggtc	tctcttgtaa	aggaggagct	900
tggagatgag	tggctgaagc	cagaactctt	tcgaataggt	gccagtactc	tgctctcgga	960
cattgagagg	cagattttacc	atcatgtgac	tggaagatat	gcagcttatc	atgatcttcc	1020
aatgtcttaa	atcagtcacc	agttccagaa	aagttcttta	cgacaatggt	taaaaattat	1080
ttttctacgt	aattgtctaaa	attattttaat	taaaaaattg	ggcagtaggt	aactggcatt	1140
cctctcttta	aaatttctac	cgaacttaat	ggaatggaaa	aagcaaaactc	atccacatgt	1200
ggtactcatt	tcaggcacat	ctgaaatgat	cttaattact	agaagatctg	cactattaac	1260
tttgtgaaga	gtttctccta	aaaactttta	gtaaaatggt	aatggtagct	ttgataacat	1320
caaattctaa	gggagaaaaa	aacaatatta	aaccgcccc	agcagtgtgc	cctagcagag	1380
ggaaaatgca	acatctcgca	agcgtgctg	taacggactt	cagggagtca	ctgattcagg	1440
cactaatttc	cctgctgtgg	aaaactcatc	ttttcatttt	tggcccgtgg	gatagggcgc	1500
ttttattaat	tgttggtccc	taatgaaatt	tctggacatt	gtcatataca	acgatgaata	1560
tcattaaaaa	ttttaaaaa	ataaagttcc	tatagtttat	ttttttaaaa	aaacttaaaa	1620
attgttacaa	tacataatga	aaaaataatc	cattaaacat	aaaaagaggt	ttgatcaaaa	1680
aa						1682

<210> 8287
 <211> 1938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (132)...(648)
 <223> similar to gi4836723 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8287
catgtccttt cagcaccaca agctcgggct gaggagggag gactcctggc cgtcctcctc 60
ctcttcaaat tggcttgaat ctgctctgac cccccacgag tgcagcacag tctgggaaga 120
aaggcgtaag gatggtgaag ctgaacagta accccagcga gaagggaacc aagccgcctt 180
cagttgagga tggcttccag accgtccctc tcatcactcc cttggagggtt aatcacttac 240
agctgcctgc tccagaaaag gtgattgtga agacaagaac ggaatatcag ccggaacaga 300
agaacaaagg gaagtccgg gtgccaaaaa tcgctgaatt tacggtcacc atccttgtca 360
gcctggccct agctttcctt gcgtgcatcg tgttcctggt ggtttacaaa gccttcacct 420
atgatcacag ctgcccagag ggattcgtct ataagcaca acgctgtatc ccagcctccc 480
tggatgctta ctactcctcc caggaccca attccagaag ccgcttctac acagtcacca 540
gccactacag cgtggccaag cagagcactg cccgggccat cgggccgtgg ctgtcagcag 600
ccgctgtcat ccatgagccc aagccgccc aagcccaggg ccactagagg cctgccccag 660
ccagaatggg gggcgggggtg gagaggagga ccccatattg ctaagccaag ctccagttac 720
aagacaacac tgtactcctg ggatatgggg gcgggggcgg ggcagggcag ggtgggggga 780
agaacgcacc aaaaacgtgg tgtgtgctgg agttgtctga accgatattt ctttttgttc 840
cttggatttg ttgattcgtc gccgagtcag gctcatgtac aaaggcatgt ttcgtgttga 900
ttgttcccat gtaagatatt tttaaagcca ctgcttattc tttgttagga aaatgtaaca 960
gcagaaaagg aaagaaacaa agaacatgaa caaaaagcat taaactggct ccatcagaag 1020
acgttgaagg gcagtgaaga gcacagactc tgtgggcttc ttagataaga aaacgtagct 1080
tcagtggggg ctccagggtt gcagagtatg agtgacacag accgggacta ttccattagc 1140
ctgtggtctg cagggtaggc ccgcaggaaa tgaggaatgg ccgagctgga gagaagagct 1200
gattttggca ttactaagcc cagaacgcac ataaccata gtgaaatgtg ctggcctctg 1260
gtgcattttg caagatgagc acaaactttc tgggcctcca tcctaggacc tgggcagacc 1320
cacatggcct gggctctgaa tgcccaccct gcgacgggtg gttctgcac agcaaacgct 1380
gaggagtggg cagattttct ttgtcttttg cttgcatttt ctagatccac acctggatac 1440
tgcccatgtt gacgagacag cagcaggggg agagggaggg aagggaagggt cggctgcaag 1500
aagggaaggca cgggacaggc atgtgacact aggccacaag cgataagcac aggcacctga 1560
cttttaagtt tttgtttgtt tgttgtttcc caaagtgtcg ataacaataa caacaacaat 1620
aggattccaa ccaggagcct caagtgcag ccaggaagag acctgaagggt tggggccacc 1680
acaatgccaa atcgtttcta aagggaagctg aaaaatggga ctgtcttttg cccacttcgt 1740
tgtgttaaaa ggggacattt gtccaaactc cccaaccgag ttctagaagc tcctgacaag 1800
gaggcagcat ccagccttga ccaggcctcc cagttccctg gaaccgtatc aggcattcgc 1860
ctgcctctca caaatgtttc agggaggcca gttctgcagg gtgtcagctc caggaccac 1920
agggccagaa ccagctgg 1938

```

```

<210> 8288
<211> 1743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (149)...(578)
<223> similar to gi3551195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8288
cttcgtattg ccgaaccggc tcggaattcc cgggtcgacg tttcgtggac caggcgctg 60

```

```

tgctcctcc tcgtccctcg ccgcgtccgc gaagcctgga gccggcgga gccccgcgt 120
cgccatgtcg ggcgagctca gcaacagggt ccaaggaggg aaggcggttc gcttgctcaa 180
agcccgagc gagaggaggc tggccgagat caaccgggag tttctgtgtg accagaagta 240
cagtgatgaa gagaaccttc cagaaaagct cacagccttc aaagagaagt acatggagtt 300
tgacctgaac aatgaaggcg agattgacct gatgtcttta aagaggatga tggagaagct 360
tggtgtcccc aagacccacc tggagatgaa gaagatgatc tcagaggatga caggaggggt 420
cagtgacact atatcctacc gagactttgt gaacatgatg ctgggggaaac ggtcggctgt 480
cctcaagtta gtcgatgatg ttgaaggaaa agccaacgag agcagcccca agccagttgg 540
ccccctcca gagagagaca ttgctagcct gccctgagga ccccgcttg actccccagc 600
cttcccaccc catacctccc tcccgatctt gctgcccttc ttgacacact gtgatctctc 660
tctctctcat ttgtttgggt attgagggtt tgtttgtgtt ttcatcaatg tctttgtaaa 720
gcacaaatta tctgccttaa aggggctctg ggtcgggaa tcctgagcct tgggtcccct 780
ccctctcttc ttcctctctt ccccgctccc tgtgcagaag ggctgatatc aaacaaaaaa 840
ctagaggggg cagggccagg gcaggaggc ttccagcctg tgttccccctc acttgaggga 900
accagcactc tccatccttt cagaaagtct ccaagccaag ttcaggctca ctgacctggc 960
tctgacgagg accccaggcc actctgagaa gaccttgagg tagggacaag gctgcagggc 1020
ctctttcggg tttccttggg cagtgccatg gttccagtgc tctggtgtca cccaggacac 1080
agccactcgg ggcggcgctg ccccgactga tccccactca ttccacacct cttctcatcc 1140
tcagtgatgt gaagggtgga aggaaaggag cttggcattg ggagcccttc aagaaggtag 1200
cagaaggaac cctccagtcc tgctctctgg ccacacctgt gcaggcagct gagaggcagc 1260
gtgcagccct actgtccctt actggggcag cagagggctt cggaggtaga agtgaggcct 1320
gggggttttg ggggaaaggt cagctcagtg ctgttccacc ttttagggag gttactgagg 1380
ggaccaggat gggagaatga ggagtaaaat gctcacggca aagtcagcag cactggtaag 1440
ccaagactga gaaatacaag gttgcttgtc tgaccccaat ctgcttgaaa cctgactctg 1500
cttctctcat ttgtcttctt accctactca cataattcac tcattgactc actcattcac 1560
cagatattta ttgacctgct attataagct ttacatcttc ccatgttgtc ctggcatgtg 1620
cagtatacac ggtctaactc atctctcccc agatctctca gaaccttgag cttgggaatt 1680
gaactggggg cacctgtgtc ctttcttatg gactcgcagg attttagaac cctaattgcac 1740
ccg

```

```

<210> 8289
<211> 2682
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2485)...(1678)
<223> similar to gi2739372 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8289
ttttggtcca aggggtttta atgggggacc ccccggtttt tccctcccc gcggtgttaa 60
aaccggggcc cggaattga attttggggc ccataaaaa aaattttacc ttgccagccc 120
gggggcggtta aacttggttc cttaaaacgg gccccccctt tttttttttt ttcatttttg 180
tcatttatta acctggaagc aaatatgaca aaacagtcac actagtaagt catctgaatt 240
ttttaaatct cttaataaaa caaccaaata ccacgcaaata cagtccacaa gggaggcccc 300
cgctccaca gtgcagggtg actgagtgtg caactacggg ccaacccccg cctctcaacc 360
ggaaggagg gcaactcaaaa gaggaattta gagaaaaggc ggagaggggc gacctcggga 420
aagggtctgg gcgggagccc cacctggctc cccaccctc ccgaaaccag gggaaaagcc 480

```

0042370 " 042370

tgtggcgtgg	cgctgctgtc	tcccattagc	agttacaggg	ccgaggett	ccgctgattg	540
gtggaaattc	cgatcttctg	atccctgatt	tgcatagaga	ctggggcctg	cacccccgcc	600
ccccaccagc	agcaatcggc	caacgccaac	ggtgctgcgc	caggagcgtt	ctgggctcgg	660
cgccgcccag	tcctcctggg	catctcggaa	gctgttttct	tccagctgct	tgggacagct	720
tttgtgaatg	cctcccttag	ggatgttcga	aagaggagtg	gcccgcact	gctagaaact	780
ggctcctttc	ttccacactg	tggtaaggat	agtttctgct	acggcaagca	ctcaaaactca	840
ggctggtttg	aagctaaagg	attcagacga	cttccaagta	tcaagaatga	aagaaaaaga	900
aacataataa	ggagcccacc	accaagactt	gtagttat	cctcagaaag	cccccatgcc	960
ccatttgtga	caaaatccat	tcctgaagac	tgattctaga	agaaaccaag	taagatctag	1020
aactttcccc	accagcatca	ctttccaaaa	tgtaggcaga	agtttacc	atacaattta	1080
ttcaggaaaa	aaataaattt	taagaactta	tttttatttt	attttagaac	ttaaaaaataa	1140
atttttaaga	actaaaaaag	tgaaagagcc	cagtggctga	gcagaaaaca	gcttactaca	1200
aggagtacca	gatcagggca	gagacttccc	agctgggtaa	ggcatgcttt	gagggagac	1260
tccaccagcc	ctgccaggaa	agggcagcag	gcgcagtgcc	cctatggggc	ccacatggct	1320
ggtaacagca	gcaggacacc	tcttccaaag	ctgtccacca	gccccactag	gggctcctac	1380
tcatggcaaa	aaagactaca	tgagcccaca	actgtcaact	aacacagtgc	cacctcctcc	1440
caaagcaaac	acataacat	acaatgttaa	gaacctatta	tcagaacagc	agtgcagcag	1500
accctggcct	tggctctctga	aagtcctgtg	tactggctg	taaggacgct	tggccacagg	1560
ttcctcctcc	ttctcccgct	tcagccattg	ctctaggagt	cctgcagtgc	ctctcttggt	1620
ggggagtggg	ctcttctgca	ggaactgact	ggaccactgg	ggaacatctg	actcttccct	1680
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ctggctactg	ccacttgccc	tgagctcctt	tttgaccacc	aagtcgacag	gagccagaca	1800
ctcaggagtg	ttgtttcgcg	agttgttcac	cacagaagag	actgcatgga	aggtgatggt	1860
ctctgttggg	tggattaatt	tcagagcttc	ctgagttgag	acttcaccaa	agtcaagcca	1920
tttagaaact	gcctcctctc	catctaatat	ggcaggcatc	ctgtggtgga	tgtcactcaa	1980
gcctttgcag	gaatccactg	tgatgatggg	ataggaatac	aggacatctc	ctccctctgg	2040
gggctcccag	cagtcacaaga	tcccggccat	tgtcagcagc	ctccagttgt	cccagacttt	2100
ctcccagttc	tcaggactat	ctgcagcacc	aatgctacct	gacttctctg	tcttgatttg	2160
aggaaaatag	atgaagtatg	gctgcctctg	gtttgttccc	tgacatcgct	gccactcata	2220
gaatccatct	gctaaaacga	cacagcgtct	tccctttccc	agaggcacct	taaatgaccg	2280
tttctccatt	acggtatcac	tacgacagtt	ggtagtattg	aactgcagct	tgggaaggatc	2340
actttctttg	aaccaagaag	ggaccaagcc	ccagcgcagt	ggagcaatga	tacgctcaga	2400
tgagtctgca	tccttctcaa	agtgcagtcg	agacagaagc	actgggctgt	tggattgagg	2460
actcttggtg	taagaggggc	agtacttata	agggctccctc	cactccggga	gccgctgctg	2520
gccccgcgga	tcctggtagg	cgcaagctct	cgtgagaaca	tctctaggta	agtgcagga	2580
tgttcgccca	cacattcttc	aacaccgccc	ctcgcaacct	cgccccggca	gcgcgcgtca	2640
cctccctcga	ctctcctcac	ccccgctccg	ctccgctttg	gc		2682

<210> 8290
 <211> 1568
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (215)...(922)
 <223> similar to gi5823570 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8290

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cggacgcgtg ggttttcgcc ggaagtggaa gaccaggcag cccagctgaa ggcagtaagc    60
tcggctcaca gtcgcaggag agttctgggg tacacgggca aaggggcttg agaaggcccg    120
gagggcgaagc cgaagagaag caactgtgcc ccggagaaga gaagctcgcc cattccagac    180
tgggaaaccag ctttcagtga agatggcagg gccagaactg ttgctcgact ccaacatccg    240
cctctgggtg gtcctaccca tcgttatcat cactttcttc gtaggcatga tccgccacta    300
cgtgtccatc ctgctgcaga gcgacaagaa gctcaccacg gaacaagtat ctgacagtca    360
agtcctaatt cgaagcagag tcctcaggga aaatggaaaa tacattccca aacagtcttt    420
cttgacacga aaatattatt tcaacaaccc agaggatgga tttttcaaaa aaactaaacg    480
gaaggtagtg ccaccttctc ctatgactga tcctactatg ttgacagaca tgatgaaagg    540
gaatgtaaca aatgtcctcc ctatgattct tattggtgga tggatcaaca tgacattctc    600
aggctttgtc acaaccaagg tcccatttcc actgaccctc cgttttaagc ctatgtttaca    660
gcaaggaatc gagctactca cattagatgc atcctgggtg agttctgcat cctggtactt    720
cctcaatgta tttgggcttc ggagcattta ctctctgatt ctggggccaag ataatgccgc    780
tgaccaatca cgaatgatgc aggagcagat gacggggagca gccatggcca tgcccgcaga    840
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aaaggaatta cagacctcta ttttttgaag accgagcagg gattagctgt gtcagggaact   1020
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taaagtgtcc ttctggtgac tcttagtaat gaaagtcgga gaaaggggga aacctcaggc   1260
tactgataat atataaaatc ttggccgggg acagtggctc acgcctgtaa tcccagcact   1320
ttgggaggct gaggcgggtg gatcacttga ggtcaggagt tcaagatcag cctggccaac   1380
atggtgaaac cccgtctcta ctaaaatata aaaattagcc gggcgtggtg gcaggcgcct   1440
gtaatcccag ctacttgaga ggctaaggca cgagaatcgc ttgaacctag gaggcggagg   1500
atgcagtgag ctgacatcgt gccactgcgc tcacgcctgg gcgacagagc aaaactccat   1560
ctgaaaaa

```

```

<210> 8291
<211> 3252
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3042)...(2298)
<223> similar to gi3876260 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8291
tttttcaaag ttagcaagca tcctccttca ttaaaatgaa aaccaggaa ttctgcatcc    60
aggaattaat ccagcaaaaa atactgggta ctctctaaat gctcttcaag agataattgg    120
ttacacaaat tatgtgatat ctaagagaca gcagagcagg gacatggaaa cttaacacag    180
acaaccttca agttgcacat tttaatttac aatttttacc aataaaaagg attagtttac    240
aaaaagggaa gtcctttata caaaataagg attttttttt tccatttgta aagagaatcc    300
actgtcatgt tttgccttgt caagtcaaaa ctcaaatagc ttgttttggg aaaattattc    360
cagaaacata atccagacaa aatcaataac gtcacagct tcctaaccat gtttaagagg    420
aataacttca tgaacatttt gccctgaact gaagagttct aaatacttgt aaacctttag    480
gaaaaaatga ctgctcgagc gcagctgact ggtaagaggg tacaccagag actccgggtc    540
actcactgtc agaataattct tatacatata atgagtctcc acgcctgtac aatgagtgtg    600

```

cgtgcaacat	aattggagta	atggcctcta	aaatTTTaca	agtaaacttt	attgtggcca	660
cagatgaaca	acaaaacatg	acagttaagg	ttcagactct	ccccacctat	tttatcatat	720
aaattaaata	tggagaggta	cacacaaact	ctattcaaaa	tgagaagttg	tttgccaaact	780
ctcatttctt	aggataacac	acatcacact	gtttaagagt	gggggaaaga	atagtcatac	840
tgtagagca	caatgtttcc	tgaagagaaa	ctgatcaaaa	cgtttgaagc	cttttttagtt	900
gcctcaaagt	gtgacagcca	ctcaatactg	ctcctaacag	tctgctttca	gataacgtca	960
taaaataaaa	taactgtgtg	aaaagccatg	gccttcaaaa	aactttatatt	ggttatgagc	1020
caagctctga	taggaaaagc	ccacctacga	aaaaaagggtg	tgggtattta	agctgggtatg	1080
attcacagag	cttgtacatt	catgactcaa	aataacacac	cctcaaacc	aaatgattct	1140
aaagccattt	caacctataa	tcatgttatt	cccttagatg	tgcttacatt	agctttaaaa	1200
aatgatctac	gtgcagagag	gagctgcgcc	ttcctcacaa	ttaattgaaa	catgaccaa	1260
aaacggggga	taggcacaaa	agtgacattt	aaatagcgta	tgagggtctc	tcctccttta	1320
ctcaatgaac	acatatccag	aatgagattg	aaatggaatc	aatgccagag	agcctctcaa	1380
agagagcatc	tcctgtagc	caacatgata	tggatcctcc	taacacaaag	caacccaact	1440
actccagcta	cacaaagcca	gtaggcctac	atatgaaacg	caaaggggtt	gcatcccca	1500
cggtttaaac	ctaaccatg	ttagctgcaa	ctccactaca	gtcttgatca	cttagctcag	1560
gaaacaaaca	cccagcaaca	accctcgat	ctcattaata	ccaatctgtg	gccctcactg	1620
actcagtgg	acttttttat	aaaaatatct	gaagaagtgg	caaacgggta	caacggatgt	1680
caggctgaag	caattccaaa	agctgagaaa	acgcttcata	cgctgcttgt	cttctcccc	1740
tatttgctaca	gttctgccac	caaaggggga	aaattacgtg	aatatgattg	ttgtgaccaa	1800
gccttggcaa	aagtcaataa	ataacagAAC	ctgtcaagg	cagagcaatt	ttatgggcaa	1860
cctcttctag	ttgcaaatgt	gggggttggg	aaaagtggga	gagaggcatg	tgtgcaagaa	1920
agagataagg	gtccttttgg	gaagggtttg	gtgaccagc	cccagctcaa	tgccagcaga	1980
ctaggaccg	ctaaaacca	ttattcagac	ggaaagggga	gaagagaaga	cacacaaaaa	2040
tgtagtcatg	tttgcaattt	gcacagttgg	tatttgttct	tcacagcagt	aaggacttga	2100
atgagaatcg	tgaactattg	ggaacactta	tatttttctt	cgggatttaa	gaaactttgt	2160
ctcgtactga	aagactacat	tcagtgtggg	tcaggtccaa	cagtgttagc	cagaacgcag	2220
ttgttaagt	caccagcac	tgggagttaa	tgtggcttga	gaggagcggc	tgcccaggc	2280
cgccccctca	ctggtctcca	agtcgaaagc	cctggcccca	gttgtgtctc	ccgcctccgc	2340
cattctgate	agcagctcgc	ctcatgctag	cagggggcac	accaaactct	gatactctc	2400
ctctcctact	gggcagccag	cgttacaaaa	actgagggtg	ggatagaaaa	tttcttctc	2460
ccaagtccat	tgggtatctg	aacattagga	aaaaataaag	atgtccaacc	agatttccaa	2520
taagctcatt	gattaccgag	cctccgatga	tatagttgaa	tccaaggata	acccagggtg	2580
aatagcaggc	cttaaatcgt	gttccaaacc	aaaatgatac	aatcatgtct	ctgttcagct	2640
gggccagag	ataaagtact	gacatgatca	gaggaatcat	cagcaactgc	atatccattg	2700
ctaagccagt	aatcacgatg	caaatccagt	taaagaggag	catgaataaa	tagtctgctg	2760
gcctcccatc	aaaagctcct	gtttcaagtc	gcgtagaata	ctgatataag	aaatataaat	2820
tgaccaaaata	aagaaatcca	gttcctggac	ccacagggaa	ataaaagggtg	gcagtgattg	2880
gcctccaaat	ctgaaagcga	taaagggaag	cttcgggcca	gaggaagagg	taggccgggc	2940
tgatgaggcc	gagtttgccg	accaagggca	cggcgacggg	ggcggcgaac	caatagcgcg	3000
tgatcgccgg	gatgctcctg	aaccagtctc	cgatgtccga	catcttcgac	ccacaggtag	3060
ccaagatgca	caagaccgcc	cgactccccg	tgccgacccc	ctcacgacgc	ggccggctcc	3120
gcgactgtta	ggtgtctagg	tgggaagcgc	cgaagccgcg	atgcagaagg	cggagacggg	3180
cggacgtggc	gccaccgaat	tcggaccagc	gaggcagcct	tctgaggcga	aacttccct	3240
tccggcacga	aa					3252

<210> 8292
 <211> 899
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (351)...(638)
 <223> similar to gi4886451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8292

tacggctgcg	agaagacgac	agaaggggtac	ggctgcgaga	agacgacaga	agggtacggc	60
tgcgagaaga	cgacagaagg	gtacggctgc	gagaagacga	cagaaggggc	ttccgccacg	120
gccgtctctg	gagagcagca	gccatggccc	tacgctaccc	tatggccgtg	ggcctcaaca	180
agggccacaa	agtgaccaag	aacgtgagca	agcccaggca	cagccgacgc	cgcgggcgctc	240
tgaccaaaca	caccaagtgc	gtgcggggaca	tgattcgga	ggtgtgtggc	tttgccccgt	300
acgagcggcg	cgccatggag	ttactgaagg	tctccaagga	caaacggggcc	ctcaaaaagg	360
gccacaaagt	gaccaagaac	gtgagcaagc	ccaggcacag	ccgacgccgc	gggcgtctga	420
ccaaacacac	caagttcgtg	cgggacatga	ttcgggaggt	gtgtggcttt	gccccgtacg	480
agcggcgcg	catggagtta	ctgaaggtct	ccaaggacaa	acgggccctc	aaatztatca	540
agaaaaggg	ggggacgcac	atccgcgcca	agagggaagc	ggaggagctg	agcaacgtac	600
tggccgccat	gaggaaagct	gctgccaaga	aagactgagc	ccctcccctg	ccctctccct	660
gaaataaaga	acagcttgac	agaagccctg	gctctcctgc	tgtccgtggg	tgggtgtggg	720
tgtgtcgggg	gcccgcagtc	ccctgtctgg	tgcccgtct	gagccacacc	ctctccgggt	780
gctgcctggt	cgtgaatcaa	aagccgtggc	ccgcccaccc	ttcccggggc	agcaggtgag	840
gaagccgccc	tactgcaa	gactttaatc	attaaatagc	ttctatgcc	aaaaaaaa	899

<210> 8293

<211> 2418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1358)...(1814)

<223> similar to gi2304746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8293

atctgaccat	cttccgcagc	ttctcaggga	gggggggaccc	tgcccttttg	acttggcgca	60
gctggcctgc	aaagccatag	agcatctggc	ctgagctctc	caatcatctg	ggcaaacttg	120
cacaggcgag	gccccattga	ctgctctcct	gagccacaga	actaaggccg	tatagctacc	180
ttactgggg	agcagcccaa	gtgcactgtc	tccatgtgtc	tgggtgggtct	ccagattgaa	240
gggctgccag	gagtgattag	gaaatcatat	tttttaagta	ttggactgaa	aaagagcact	300
ttaataaatg	gtttaatttt	tgccctgagg	aaaaatagct	acttttctcc	aataatacaa	360
aacataatgt	tctaaatgaa	atgaaattga	aaaagcagca	tgatgctctg	ttaaaatcag	420
aggtttcttt	ctcttttctc	tgttttctaa	cataagtgc	tttatgtgag	gtctaaactg	480
aatctttact	gttttctctt	gttttaaaact	ccttatacat	attttctttg	catttctcac	540
tgtagagtta	ggacctgaat	ctttttctgc	cattttatgt	tgctgggtata	agaaatgatg	600
aaattttgac	tttgagaaa	actaacgagg	ttacctttta	actgctagaa	tactgatact	660
gtgttttaaa	aagttacata	aagggtacta	gtgtccattt	aaatacctat	aataacgcac	720
tagagaaaaa	aaagcactga	ccttgagagg	tgttcattgt	actcttccag	gaggcagtta	780
ttgcacattc	tagtgtatag	cattttcagt	tcatttttag	cttttggtga	ctaagtcttt	840

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gctacccaag tccttccttt ttattttgttt gtgttctgtg aatagaagtt ggaaagcttg 900
ttttcagcct gcccagagtgt ttacattttt atttggcatt tcagcctctc tataacaata 960
catagattgt atgtggaagt gccatttagt tacagatgca gaaaagcttg cagatacttg 1020
ttcaggcaaa gtgaaaagta aagtagcatt ttaccccag tccaaaaaat tatcctaagc 1080
aaatacagtt gttttttaaa gtgtgggaga aattttcttt ttctctcaaa agtaaaatag 1140
aaatcacagc ttagtggtca acccttagcta gcttaggtgt gaaaatccca tttcttccca 1200
tgtgggccat gtgggtgtat ctctggcaca cacaagaggt ctgttttagcc gccttatttt 1260
ggcagatagg gaagacatat ctgaaaattg gtactcactc gtatgttgtg tgtgtgtgtg 1320
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg ttgtatcttc ttgtttccag gggacatgat 1380
gacctgttg atgaaaaaag acactctgac agaagaggag actcagtttt atatagcaga 1440
aacagtatta gccatagact ctattcacca acttggattc atccacagag acatcaaacc 1500
agacaacctt ctttttgaca gcaagggccca tgtgaaactt tctgactttg gtctttgcac 1560
aggactgaaa aaagcacata ggacagaatt ttataggaat ctgaaccaca gcctccccag 1620
tgatttcact ttccagaaca tgaattccaa aaggaaagca gaaacctgga aaagaaatag 1680
acgtcagcta gccttctcca cagtaggcac tcctgactac attgctcctg aggtgttcat 1740
gcagaccggg tacaacaagc tctgtgattg gtggtcgctt ggggtgatca tgtatgagat 1800
gctcatcggg aagttgcatg gtttcagagg actttttctg tgcattccatg acagactttt 1860
acattgatac cagcctctgt ttcaattggc agtgatctaa gtgatttccc tacttgtctt 1920
tcaaagtgaa ttgttttaga cagatgacac ctctttcagt aagatgtatc ccactccatt 1980
cttgggctta ctggcatcct gcaattgctt tgctgatcat tttttatgtt tttctttctc 2040
ttataccttc atcttctcca tctagaagct ctttttagtca ctagcattta ttaaatatcc 2100
gttgatgca gagcacttca actgggcatt gcctcacttt cctaatttgc cgcccccttc 2160
ctctgtcaaa gccttcaa atcatgggacc tctggcctct ctccctctta ttgtattggt 2220
gtgtctctgt atttatggga cgcactctgt ggggtgggtca tatgccagtg agcactagat 2280
taagtatatc cttgggtggt ccgggtgagt ctatctggct gctttggctt caggaacatg 2340
ggaacgatgc ctgtggaggt gggcgtagac cgtctggagg gaagatgggg tgatagggtg 2400
tgtgcgtgtt tgtcttct
2418

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<210> 8294
<211> 2047
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (93)...(763)
<223> similar to gi4929767 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8294
tcaataccgc gtccgcgccc aggcggctgc ccgtgacctg cctgggcgcg gggaactgaa 60
agccggaagg ggcaagacgg gttcagttcg tcatggggct gtttggaag acccaggaga 120
agccgccc aaactggc aatgagtgg cattgaagat aagaaaggaa atgagagttg 180
ttgacaggca aataagggat atccaaagag aagaagaaaa agtgaacga tctgtgaaag 240
atgctgccaa gaagggccag aaggatgtct gcatagttct ggccaaggag atgatcaggt 300
caaggaaggc tgtgagcaag ctgtatgcat ccaaagcaca catgaactca gtgctcatgg 360
ggatgaagaa ccagctcgcg gtcttgcgag tggctggttc cctgcagaag agcacagaag 420
tgatgaaggc catgcaaagt cttgtgaaga ttccagagat tcaggccacc atgagggagt 480
tgtccaaaga aatgatgaag gctgggatca tagaggagat gttagaggac acttttgaaa 540
gcatggacga tcaggaagaa atggaggaag aagcagaaat ggaaattgac agaattctct 600

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ttgaaattac	agcaggggcc	ttgggcaaa	g	agtgactgat	gcccttccag	660
agccagaacc	tccaggagcg	atggctgcct	c	ggaggaggag	gaagaggctc	720
tggaggccat	gcagtcctcg	ctggccacac	t	ggggctgcct	accccgtgg	780
gtgtgcacac	actcctctca	agagctgcca	t	ctcttgcact	acacctctgt	840
tgtgaggact	accatttttg	agaaggggtc	g	tttcattctc	tgcccagggt	900
ttgggatcgc	aaagggattg	ttcttataaa	a	atgaggcata	ataaatgcat	960
agtatagaca	gatatatctt	attgtgggga	g	atccatctgc	tcatgaagca	1020
cttctgaaaa	tataggtgat	tgccctgaat	t	tcgaagactc	tacttttgct	1080
tatataaatg	aatttttaata	aatttttgct	t	ttagcacttg	gccccattgt	1140
gtgcagtaaa	ctttcaaggt	gtcggctgcc	c	ccagattgct	tcatttgctg	1200
gagttgctat	ggccaggcat	atgggatttg	g	gaagctcagc	agaagtgact	1260
ggttgctgct	ccccggcttt	cacagacatg	g	gtatggcagc	cattctttta	1320
caagaggatg	ctgggggaatt	gtgctgcttg	t	tcctgttggc	tggtggctgc	1380
ggggtgtgca	tgtgggtcta	tttagagctt	c	ctgtcccttc	cttcccattg	1440
ccagatgaga	cagctgtagt	actaggtctc	t	ttcacctct	cattgcctgt	1500
agctgggtgt	cttgtgctgt	ggacatgggc	c	cttcctatct	gtgttttctc	1560
gctgaccagg	agcacactaa	ggtgtgggtc	t	tgcatcataa	ccaacattca	1620
acattcttaa	gatacattta	taaatcattt	c	cagcagtagt	actttgtatg	1680
ttacagagct	ctttgacata	cgcgatctta	g	gtctttacaa	ataaggaaaa	1740
tgggaagtat	cagagatggg	attcaaacc	a	agatcctctg	gtccaagttg	1800
gaactaatca	ggcaggaaaa	aagcccagcc	a	actgtctcac	agattgtttt	1860
tagcaaaatc	ctgaaacaat	ggggtccttc	c	cagtctcatc	atacaaaatg	1920
ctgggtgcgg	tggttcatgc	ctataatccc	a	agtgctttac	aaggctgagg	1980
tcttgagaat	aggagttcaa	gaccagcctg	g	ggcaacatag	caagatcctg	2040
aaaaaaa						2047

<210> 8295

<211> 1958

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1139)

<223> similar to gi4210353 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8295

acgaatcccc	gtgtcgatga	tttcacgggc	g	ggcgagagg	cggcaggaag	atggagttgg	60
ggagttgcct	ggagggcg	agggagcg	c	ggaggaaga	ggcgagcct	gaggtgaaaa	120
agcgcgact	tctgtgtgtg	gagtttgct	c	gggtcgcaag	ctgcgatgcc	gcagtggtct	180
agtgcttct	ggccgagaac	gactgggaga	t	tgaaaagggc	tctgaactcc	tacttcgagc	240
ctccggtgga	ggagagcgcc	ttggaacgcc	g	gacctgaaac	catctctgag	cccaagacct	300
atgttgacct	aaccaatgaa	gaaacaactg	a	attccaccac	ttctaaaatc	agccatctg	360
aagatactca	gcaagaaaaat	ggcagcatgt	t	tctctctcat	tacctggaat	attgatggat	420
tagatctaaa	caatctgtca	gagagggctc	g	gaggggtgtg	ttcctactta	gctttgtaca	480
gccagatgt	gatatttcta	caggaaagta	t	ttccccata	ttatagctac	ctaaagaaga	540
gatcaagtaa	ttatgagatt	attacaggtc	a	atgaagaagg	atatttcaca	gctataatgt	600
tgaagaaatc	aagagtga	ttaaaaagcc	a	aagagattat	tccttttcca	agtacaaaaa	660
tgatgagaaa	ccttttatgt	gtgcatgtga	a	atgtgtcagg	aaatgagctt	tgcttatga	720

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catccattt ggagagcacc agagggcatg ctgcggaacg aatgaatcag ttaaaaatgg 780
ttttaaagaa aatgcaagag gctccagagt cagctacagt tatatttgca ggagatacaa 840
atctaagggg tgcagaggggt accagatgtg gtgggtttacc caacaacatt gtggatgtct 900
gggaggtttt gggcaaacct aaacattgcc agtatacatg ggatacacaa atgaactcta 960
atcttggaat aactgctgct tgtaaaacttc gttttgatcg aatatttttc agagcagcag 1020
cagaagaggg acacattatt ccccgaaagt tggaccttct tggattagaa aaactggact 1080
gtggtagatt tcctagtgat cactgggggtc ttctgtgcaa cttagatata atattgtaaa 1140
atgcttttca agtgtgggtt ttgccctgat tgttgcaaat acaattttcca ctttctggaa 1200
aggtaggttt gctgtggagg aaataatgta ctagatcatt gtcacagaaa aaccaactat 1260
gatttatggg tgtgttttca gaattcaaca ttaaagatta atgtttattt aaacgaacac 1320
attcctgcat tcaggatgtg agggcattta ataaaaaggg cacaaagcct gtcagagttt 1380
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atgtttatat ttttccattc aggcaccgaa atagttaata tttaaaataa gtcttcaaaa 1500
gaaaacataa gagattattg agttcttggg actggatcct ttatttcata agttcagatc 1560
atcttaaatg aaaatgccat gattatctgc agttaagtag atgacagcta ttctacatca 1620
gacttgattt ttgtcagcta attacataat tggttaagcta taattgaaac cttatggctt 1680
aaaattcctt aactcctttt tgattcatgt ttgtagtcat gttgtcaaca gaggcaaaag 1740
taagcttgat gatggttaaa atcggtttga tagcaccatg ggacattttt ctaacaaaaa 1800
taaatgcatg aagagacata gccttttagt tttgctaatt gtgaaatgga aatgctttac 1860
aggaagtaaa tgcaaattac ttttaagtgt gctttaaaga aaaatatttt cccacaaga 1920
gaaatttaaa taaagaattt tatttggttaa aaaaaaaa 1958

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<210> 8296
<211> 721
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (172)...(590)
<223> similar to gi3153876 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8296
gcgagccgag acggctacat ggacgccact atcgccccgc accgtatccc ccccgagatg 60
ccccagtagc gggaggagaa ccacatcttc gagttgatgc aggcaatgtg gctctgcaaa 120
catctgaaca gcagtctcct caccctggag aacctgatct taaatgagtt ttcctatacg 180
gccaccgaag ccagaaggct ttatctgcaa aggaagacag ttcccagcgc gctgctcgtc 240
cagctgattc aggaacgcct ggctgaagag gattgcatca agcagggctg gattctggat 300
ggcatccctg agacgcgtga gcaggctctg aggatccaga ccctggggat cacacccaga 360
cacgtcattg tgctgagtgc tccagacacg gtcctgatcg agagaaactt ggggaagaga 420
atcgaccctc aaactggaga gatttatcac accacctttg actggccacc cgaatctgaa 480
atccagaacc gtctcatggt gccagaggac atctcagagc tggagacggc tcagaaactg 540
ctggagtatc ataggaacat cgtcagggtc attccctcct accccaaaat cctcaaagtc 600
atcagtgtct accagccatg tgtggacgtc ttctaccagg ctctgacctg tgtccaaagc 660
aaccatcgta ctaatgcccc gtccaccccc aggggtgctgc tgctcggggc tgtgggcagt 720
g 721

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<210> 8297
 <211> 1806
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1539)...(477)
 <223> similar to gi458542 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8297

ggaattcctt	gtggctgggg	actaaggagg	aaagattaag	gggtatggct	gaattcccc	60
gtcaccctt	gccctcaggc	ttccttcttc	ctttcccttt	ggctaatacct	gcatgggatt	120
agctgaccat	cctgttttcc	atcccagagc	ctcccaaggc	tgggaaagta	gggctgaagg	180
gctagatgtt	tgggtctcagg	aagtggggcc	cacccattcc	cagaaggagc	ttctttacct	240
cttagccctg	aggtttcctc	cttcccatct	tctgtgcttc	cagagaacaa	ctttgttcct	300
atggtcacc	ccactatccc	catgaccgca	tgaagaggca	gttattgctt	tagtctttca	360
ttgcaaccac	tgggctccct	ttgaaccggg	cccaatcttt	ggccccagca	ttttcccact	420
ccagtgtatc	caggggtgtc	caggtgagct	ggggaaggaa	gtgagcatgg	cctcagctgc	480
agatctcctg	gagcagcggc	atcatggcag	acaggccctg	gatgtgctgg	atttggtacc	540
cgtaggcctc	attaatgctc	cggagctcag	ccagcaggcc	tagcaacttc	gcatacagaa	600
accgatcccg	gggccttcgc	tgctggccct	tgatgtagct	ttgcagagtc	agtgccatct	660
cctcttgcat	ctgatcaatc	tcatctctct	gggtaactcc	aggtcgggtct	gtaagatagg	720
gagcaggaga	gaagagggcc	atggcagcca	agagcacata	ctcaggctct	tggagctgca	780
gttttcgtag	tgttccatgg	aagtgaagaa	gcaactccaa	aaactctacc	tggaaaccca	840
cacgggctcc	atcttcaatt	gtgtagcgaa	gaggcccgca	gaggaaagttt	tgtgtttgga	900
gacagaaagt	ggtattgagt	acgatgtgac	agattttccac	agctgctccc	ttgagaaggg	960
agatctggtc	ttcaatgggc	agggaacgga	agacgggcag	gtccttagta	aacttgatga	1020
cttgacgtac	catgaaagtg	ttgatgtctg	cgaagtgtgt	gaccagaggc	agcacagggg	1080
ccaggggtggg	caagggctgg	tgatggatga	acagatgagc	tggaggccta	aactgcacaa	1140
actgttcaaa	catggtgccc	atgtggcggg	tgtgggcccc	caggagtgtc	cggatcagct	1200
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ttccagcaaa	ggggcagggtg	ggaccaatgc	ttttgctgac	tgttctcctg	aagaaaccct	1440
tgcagccctc	acaagtcagc	gcattaaagt	ggtagcctgt	ggcttgggtcc	ccacatacca	1500
cacagttcct	cagctcatct	tccctactgg	ccatgacgtc	acgtgttggg	gtggctgtca	1560
cagactcctg	cttctcttag	gcagcatgtc	acctgcaggc	cacagaatct	ggatggaat	1620
gcctctcccc	aaactccac	gctgttgctg	gttttctct	gatctcagga	gttgccagtg	1680
attggagtta	ggattatcat	ccctcctgct	gcccagcagt	ggtcagtcac	ttttcatgag	1740
ggatggacta	ggaaaatgaa	gtgtctatta	taaggagagt	tcctgtaact	taaggagcaa	1800
gctcac						1806

<210> 8298
 <211> 1617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (164)...(1403)
 <223> similar to gi512485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8298

gtggcgctg	ctctccatcc	aggccccatt	ccggctccca	cccgcgctg	cttttgttcc	60
cacgtttcgg	ggggcagctg	gcactgtgat	tcctgcccc	tgagtgccta	gaggcacgga	120
gccaccaggg	atcacccac	gtgggacaca	gggcttgggg	aggatggggc	aggaccagac	180
caagcagcag	atcgagaagg	ggctccagct	gtaccagtcc	aaccagacag	agaaggcatt	240
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<210> 8299
 <211> 1585
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(1295)
 <223> similar to gi3724099 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

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tgccacagct gcaccctgcc cggggcctgc aacatccccg ccaatgtgag caactgcaac    180
tggttctgcg agggctcctt caatggtagc gagaaggaga ctatgcagtt cctgaacgac    240
cgcttgccca gctacctgga gaaagtgcgt cagctggagc gggacaacgc ggagctggag    300
aacctcatcc gggagcggtc tcagcagcag gagcccttgc tgtgccccag ttaccagtcc    360
tattttaaga ccattgagga gctccagcag aagatcctgt gtaccaagtc tgagaatgcc    420
aggcttgtgg tgcagatcga caacgccaaag ctggctgcgg atgatttcag aaccaagtac    480
cagaccgagc tgtccctgcg gcagctgggt gagtcggaca tcaacggtct gcgcaggatc    540
ctggatgagc tgaccctgtg caagtccgac ctggaggccc aggtggagtc cctgaaggag    600
gagctgctct gcctcaagag caaccatgag caggaggtca ataccctgcg ctgccagctt    660
ggagaccgcc tcaatgtgga ggtggatgct gctcccactg tggacctgaa tcgggtgctg    720
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tggttcacca cgcagaccga ggagctgaac aagcagggtg tatccagctc agagcagctg    840
cagtcctacc aggcggagat catcgagctg agacgcacag tcaacgccct ggagatcgag    900
ctgcaggccc agcacaacct gcgagactct ctggaaaaca cgctgacaga gagtgaggcc    960
cgctacagct cccagctgtc ccagggtgcag agcctgatca ccaacgtgga gtcccagctg   1020
gcggagatcc gcagtgcact ggagcggcag aaccaggagt accagggtgct gctggatgtg   1080
cgtgcccggc tggagtgtga gatcaacaca taccggagcc tgctggagag cgaggactgc   1140
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ctctccaatc cctgtacctc ttgtgtccct cctgcccctt gcacaccctg tgccccacgc   1260
ccccgctgtg ggccctgcaa ttccttcgtg cgctagaacc tagggaatgc cagaggagca   1320
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gaaaacatca tttgcatggc tggagttgcc cgcgtaaggc agccaagaaa ctcacccaaa   1440
gcctgtagcc tccccacta ctccagactg tcctgtctac cctttccttc ctgggggtct   1500
gttccttcct atgtcaccc agagaactct ctgatgtgcc agtggccctc ccttttaacc   1560
tcctaataaa tatcatttcc ttggc

```

```

<210> 8300
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (69)...(365)
<223> similar to gil65924 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8300
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ccattgccat ggattgctgt gcctctcgca gctgcagtgt cccactggg cctgccacca    120
ccatctgctc ctctgacaaa tcctgccgct gtggagtctg cctgcccagc acctgcccac    180
acacagtttg gttactggag cccacctgct gtgacaactg tccccaccc tgccacattc    240
ctcagccctg cgtgcccacc tgettccctgc tcaactcctg ccagccaact ccaggcctgg    300
agaccctcaa cctcaccacc ttcactcagc cctgctgtga gccctgcctc ccaagaggct    360
gctaattggat ggctactttg ctcagtgcct gagattgaaa aagtcaacat agaagcttta    420
gcattcacct atctcagtac ctacaactaa tgtactctgc tttagaaatt ggaacaagga    480
tgag

```

<210> 8301
 <211> 2031
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (218)...(1406)
 <223> similar to gi434306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8301
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 tacttttagaa ttagttgtta cattggcagg aaaaaataaa tgcagatgtt ggaccatgtt 180
 ggaaaccttg tcaagacagt ggattgtctc acacagaatg gaaatgtggc ttctgattct 240
 ggtggcgtat atgttccaga gaaatgtgaa ttcagtacat atgccaaacta aagctgtgga 300
 cccagaagca ttcatagaata ttagtgaaat catccaacat caaggctatc cctgtgagga 360
 atatgaagtc gcaactgaag atgggtatat cttttctgtt aacaggattc ctcgaggcct 420
 agtgcaacct aagaagacag gttccaggcc tgtggtgtta ctgcagcatg gcctagtgtg 480
 aggtgctagc aactggattt ccaacctgcc caacaatagc ctgggcttca ttctggcaga 540
 tgctggtttt gacgtgtgga tggggaacag caggggaaac gcctggtctc gaaaacacaa 600
 gacactctcc atagaccaag atgagttctg ggctttcagt tatgatgaga tggctaggtt 660
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 tgtcggctat tcacagggca ccaccatggg ctttattgca ttttccacca tgccagagct 780
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 aagccccggg accaaatttt tgttgctgcc agatatgatg atcaagggat tgtttggcaa 900
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 ggtgattcct gatcagattt gtagtaatat catgttactt ctgggtggat tcaacaccaa 1020
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 gcaaaatatt ctacactgga gccaggcagt gaattctggt gaactccggg catttgactg 1140
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 aatcatccat ctgatgcac aagaggagac acaaccttcc ccaaggacgg cgtgaggcgg 1440
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 cagatattga ggtctggagt ctgtggatta ttgttgactt tgacaaaata agctagacat 1860
 tttcaccttg ttgccacaga gacataaacac tacctcagga agctgagctg ctttaaggac 1920
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<210> 8302
 <211> 5525
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (135)...(4538)
 <223> similar to gi30058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8302

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tctgatattt	agacatgatg	agctttgtgc	aaaaggggag	ctggctactt	ctcgctctgc	180
ttcatccac	tattattttg	gcacaacagg	aagctgttga	aggaggatgt	tcccatcttg	240
gtcagtccta	tgcggataga	gatgtctgga	agccagaacc	atgccaaata	tgtgtctgtg	300
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cagctggccc	cccaggccct	cccgggtccc	ctggtacatc	tggtcacctc	gggtcccctg	720
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<210> 8303
 <211> 1913
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (591)...(1376)
 <223> similar to gi4495063 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8303

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gttgtcctga	tggcatatct	attcctgaac	tgagagaagc	atgtgactat	ctttgtatct	780
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<210> 8304
 <211> 1216
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (144)...(1078)
 <223> similar to gi841197 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8304

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gtgactctgg	cttcgggaac	ctgctggcca	aacagctggt	tgatcggggc	atgcagggtg	300
tggctgcttg	cttcactgag	gagggatccc	agaaacttca	gcgggatacc	tcctatcggc	360
tgcagaccac	cctactggat	gtcaccaaga	gcgaaagcat	caaggcggcg	gcccagtggg	420
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gcgtctccaa	gtttggcggt	gaggccttct	ctgacagcat	aaggcgtgag	ctctactact	720
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tctaaactgg	ggaggatcaa	tgggtcagtg	gagcctagaa	gtggggggagg	aaggaaggac	1140
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gctcacttga	caccca					1216

<210> 8305
 <211> 4394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (151)...(1563)
 <223> similar to gi3435201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8305

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gtcatc	ctgctgctga	agatctggaa	gacgcgctcc	tgcgccggtg	tttctgggaa	180
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tcattg	tataacacat	ctatgaaggt	tatctacctt	gcctgctcct	atgccacagt	300
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caagaa	ggatgtagta	ttttggcttt	ctgcattaca	acgtcttctg	gaqgaaggga	2160

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<210> 8307
<211> 1543
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(1444)
<223> similar to gi4959421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<210> 8308
 <211> 1669
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (88)...(875)
 <223> similar to gi5912096 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aatttggttc	tcattgataa	acaagagagt	gagattactt	atctggtacc	atggtgcaaa	540
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gggccagctc	tgtggggtga	tgcatttaaa	agggcagttc	atgctcatgt	caatctaggc	660
tacacaaaac	tagttggagt	gttccacaca	gagtacggag	cactcaacag	agttcatgtt	720
ctttggtgga	atgagagtgc	agatagtcgt	gcagctggga	gacataagtc	ccatgaggat	780
cccagagtgt	tggcagctgt	tcgggaaagt	gtcaactacc	tagtatctca	gcagaatatg	840
cttctgattc	ctacatcggt	ttcaccactg	aaatagtttt	ctactgaaat	acaaaacatt	900
tcattaactg	ctataggatc	tgtctgctaa	tggtgcttaa	attctcccaa	gagggttctca	960
cttttatattg	aaggaggtgg	taagttaatt	tgctatgttt	cttgcatatt	gaaggctaca	1020
tctgtgcttt	gtaagtacca	cttcaaaaaa	tagttctgtt	tactttctgc	atggtatttc	1080
agtgtctgtc	atacattaaa	aatacttgtc	actgttttaa	gatcttgact	cttcatttgt	1140
ttcagaatag	ctcttctact	gtattctgac	aactctttgc	tttatagcat	tttgttgtat	1200
tcaaatgata	atggtagcat	ttccatgctt	gtgacagcat	ttttaagtta	ttaatatatt	1260
ttatcaacct	ttccatcatg	tctgttttcc	tggttttttt	tggttggttt	ttgaccagta	1320
aaattttattt	tgtaatacca	aataggattt	aagaaaaatta	acgtatttct	ttactatgga	1380
aaaccacatt	gtcatttgtg	acatcatcta	tattaaatat	ggttttcaca	ttagttattt	1440
gtcacttact	tggaatatga	tgctgttagg	tcctggtatt	aaaaatctag	aaaagacttg	1500
ttggtttatg	tgctgaaatg	tctttattta	taattaattt	taactactat	ttacttcatt	1560
tcggatcctg	tttaacaaaag	atacttgaga	catccatttg	ttttaatgaa	atctgtatgg	1620
atatggaaat	gcttgcccta	ataaaagcct	acatatacca	aaaaaaaaa		1669

<210> 8309
 <211> 3803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1478)...(2695)
 <223> similar to gi5911997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8309

ctcggaaagtc	gagagaccag	ggcctggcca	gattctccct	gcagaacctc	tagacgattc	60
caagaatgcc	acagggaact	cagcctcagg	cctgggggct	ggcaggaccg	cagaagatac	120
cgtggaagat	gcctgcccag	ccgagggcag	caggggaggcc	agacccaaca	cgacccccgg	180
cccgcccccc	accccgcccg	agctgccctg	gaccaatatt	gacctcaagg	aggccaagaa	240
agtgccccagc	cactcgcccg	ctggcttccc	cgagaccacc	agcctctcct	ctctggggct	300
cctcccactg	ggcttgagg	agccgtatgg	ggtggatgac	cacccgctgt	gggcctgggt	360
gtcgggaggc	ggctgcgtgg	tggaggcatg	tgccatgccc	agatggttca	ctgtccaggc	420
gggtaagggc	tcctgcagg	cctgggggca	tcacatggc	cagggtgccct	gggggtgtgg	480
ggtgtgggag	gaggccgggg	tcagggggct	cgggcaggcc	tgctgtcctc	cctggacgcc	540
tcaactgtgt	cagcagctct	gagccaggca	ttgcgtcctc	ctgtggcctc	cagagaccag	600
cccgaggctg	tcaggacctg	gaagcacggt	ggccagtgcc	ccttccccctg	tctgcagccc	660
ctccccctgtg	ctagcgggtg	tggctgcttt	ccaggctgaa	ttactggggg	agagcaactc	720
atccatcagg	gcaaaggggtg	gaaggaggct	taacagagag	cgtagctttt	gagctagaaa	780
gggctgattt	ggtggagggg	agcgccgtgg	cttcctgccc	agctgcgggc	aggacagtgc	840
cccgccctg	aggtctctctc	tgccccacag	gcctgtcctc	ctcggtacac	atgctgtccc	900
tgtccatcac	gcgggccag	accgctgcct	ggaggaagca	gatcttccag	cagctcacgg	960
aaaggaccaa	gcgggagctg	gagaacttca	gacactacga	gcaggccgtg	gagcagtcgg	1020
tgtgggtgaa	gaccggggcg	ctgcagtggg	ggtgcgactg	gaagccccac	aagtgggtgg	1080
acgtgcgctt	ggccctggag	cagttcacgg	ggcacgacgg	cgtccgggac	agcatcctct	1140
tcatctacta	tgtggtccac	gaggagaaga	agtacatcca	catattcctg	aatgaggtgg	1200
tggcgctggg	cccagtgtctg	aacgagacca	agcaactcct	tgccctgtac	acccctgagc	1260
ggacacggca	gaggtggccg	gtgcgtctgg	ctgctgccac	cgagcaggac	atgaatgact	1320
ggctgcgcct	gctcagcctg	tcttgctgcg	agagccggaa	ggtgcagggc	cgcccgctcc	1380
cgcaggccat	ctggtccatc	acctgcaagg	gggacatctt	cgtgagcgag	cccaccaga	1440
cctggaggcc	cacgagcacc	ccctgcctg	cgaccagatg	ttttggcggc	agatgggagg	1500
ccacctgcgg	atggtggagg	ccaacagccg	gggcgtggtg	tggggcatcg	gctatgacca	1560
cacggcctgg	gtatacacag	gcggctatgg	aggcggtgc	ttccaaggcc	tggccagcag	1620
caccagtaac	atctacacgc	agtcagacgt	gaagtgtgtt	cacatctatg	agaaccagcg	1680
ctggaacccc	gtcacaggct	acaccagcag	gggtctgccc	acggaccggt	acatgtggag	1740
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ggcctggggt	tcgactgggt	togtggattt	cagcgttccg	gggggcacgg	accaggagg	1860
gtggcagtat	gccagcgact	tcctgcctc	ataccattgg	tccaaaacga	tgaaggattt	1920
tgtgaggagg	aggtgctggg	ccagaaaatg	caagctggtg	accagtgggc	cctggctgga	1980
ggtgcccccc	atgcacctca	gggaagctgtc	catcatcccg	gagagcccg	gtgccgagg	2040
gagtgggcac	agcatcgccc	tctgggccgt	cagcgacaag	ggggatgtgc	tgtgccgcct	2100
gggcgtgtcg	gagctcaacc	ctgcgggctc	ctcctggctg	cacgttggca	ccgaccagcc	2160
cttcgcctcc	atctccatcg	gggcctgcta	ccagggtgtg	gccgtggcaa	gggacggctc	2220
cgccttctac	cggggatccg	tgtacccctc	gcagccagcc	ggtgactgct	ggtaccacat	2280
cccgccccca	ccgagacaga	ggctgaagca	ggtgtcccg	gggcagacgt	cggtgtatgc	2340
cctggatgag	aatggaaacc	tgtggtatcg	ccaagggatc	acgcccagct	acccgcagg	2400
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ggtctgggtg	atgcccaaca	aagtgcagg	cagccacagc	ctgagccggg	ggacagtgtg	2520
tcatcgcacc	ggcgtgcagc	ctcacgagcc	caagggccac	ggctgggact	acggcatcgg	2580
gggaggctgg	gaccatatct	ctgtccgggc	caatgccacc	agggcccccc	ggagctcgtc	2640
ccaggagcag	gagccgagtg	ccccaccaga	ggcccatggc	cccgctctgt	gctgaggccc	2700
ccccacacac	ctacatgcag	ggacgggtgc	cagtttgggg	gatcaaggct	gagccattct	2760

<210> 8311
 <211> 1037
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (849)...(787)
 <223> similar to gil401301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8311

gccttttcct	ctcccagggtg	cgcttccctg	cttgatctgt	gtaccctgct	ctttctcctt	60
cattccgcag	cctcctttgc	cctgtgacct	gcaggtagctg	gacggtccct	agagaggata	120
ccgggacgct	cctgaagccg	cgagatgatt	tcaagcagat	gcagcctgac	cattagggcc	180
aaggccaaat	tgcaaaaaaa	aaaaaagttg	gcctttattc	tactccatcc	acatctaaac	240
tttgagggcc	agggctgggg	acagatcaaa	aaacatagtt	ccctccttct	ggggctccac	300
atccttcatt	cactgatctt	tggaaaggag	gatgggtggc	aggatgggtc	ttccatgata	360
ctgaaggagg	agccacatgt	tgatgcccag	gaccagctgc	ctccttggtc	tgaaaggcct	420
gatcgaggcc	aggattggct	atgagagctg	ggaaatggga	ccatctttga	agccatggga	480
gagggtgaga	gccaccatca	ctcatgttct	tgaatgggaa	ctgcctggag	accctgaaga	540
agaaggagcc	tgaaggagga	aggaggaggc	tgagccatcc	cgggaaacatg	ggctggatga	600
ggccaagcca	ggagacgaca	ccaccagata	gaagtcacca	ttcaggattt	ggacttttct	660
gtggagatcc	tggccccgag	atcgaaccct	tctccctgtg	ggtgttcccg	caggagatgg	720
tgctggagat	ccaccagctg	ttcatggacc	atgaataccc	atgtcaccac	atcacttctc	780
actgcacctg	ggtggcagca	cactggacca	cgtctcagag	ctgcgcagca	tggcagggct	840
gcaggcgggc	ttgtgtctcc	acgtgggtgga	agagccctgc	acaatgcaca	aggcccacgg	900
tgatgagtgc	cacatttgag	actgctcagg	agcctggacc	cagctgatgc	agctccttgt	960
ccttcctgag	cgtcttcact	gacagaggcc	tgagagacgg	caggagcaga	aagacttgga	1020
gatggacccc	accgact					1037

<210> 8312
 <211> 2587
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (96)...(1387)
 <223> similar to gi5932438 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8312

agatgccgga	ccgctccttc	ccagctcctc	cccgtgctcg	ctaacacagc	acggccgcct	60
gcagtctcct	ctctgggaga	tcgcgcgggc	ctaagatgtg	tcttggggca	ctgtgggtgg	120
ccctgcccct	gctgtccctg	ctggctggct	ccctacaggg	gaagccactg	cagagctggg	180
gacgagggtc	tgctggggga	aacgcccaca	gcccactggg	ggtgcctgga	ggtgggctgc	240

ctgagcacac	cttcaacctg	aagatgtttc	tggagaacgt	gaaggtggat	ttcctgcga	300
gccttaacct	gagtggggtc	ccttcgcagg	acaaaaccag	ggtggagccg	ccgcagtaca	360
tgattgacct	gtacaacagg	tacacgtccg	ataagtcgac	tacgccagcg	tccaacattg	420
tgcgagcctt	cagcatggaa	gatgccatct	ccataactgc	cacagaggac	ttcccttcc	480
agaagcacat	cttgctcttc	aacatctcca	ttcctaggca	tgagcagatc	accagagctg	540
agctccgact	ctatgtctcc	tgtcaaaatc	acgtggaccc	ctctcatgac	ctgaaaggaa	600
gcgtggtcac	ttatgatggt	ctggatggaa	cagatgcctg	ggatagtgtc	acagagacca	660
agaccttcct	ggtgtccag	gacattcagg	atgagggctg	ggagaccttg	gaagtgtcca	720
gcgccgtgaa	gcgctgggtc	cggctccgact	ccaccaagag	caaaaataag	ctggaagtga	780
ctgtggagag	ccacaggaag	ggctgcgaca	cgctggacat	cagtgtcccc	ccaggttcca	840
gaaacctgcc	cttctttgtt	gtctttctcca	atgaccacag	cagtgggacc	aaggagacca	900
ggctggagct	gagggagatg	atcagccatg	aacaagagag	cgtgctcaag	aagctgtcca	960
aggacggctc	cacagaggca	ggtgagagca	gtcacgagga	ggacacggat	ggccacgtgg	1020
ctgcggggtc	gacttttagcc	aggcgaaaa	ggagcgccgg	ggctggcagc	cactgtcaaa	1080
agacctccct	gcgggtaaac	ttcgaggaca	tcggctggga	cagctggatc	attgcaccca	1140
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gcaaggcctg	ctgtgtgccc	accaaactga	gccccatctc	cgctcctagc	aaggatgaca	1320
tgggggtgcc	cacctcaag	taccattacg	agggcatgag	cgtgcccag	tgtgggtgca	1380
ggtagtatct	gcctgcgggg	ctggggaggc	aggccaaagg	ggctccacat	gagaggtcct	1440
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ggagcctgct	ctccctcccc	acacccccacc	caaagcatac	accgctgagc	tcaactgcca	1560
gggaaggcta	aggaaatggg	gatttgagca	caacaggaaa	gcctgggagg	gttgtttggga	1620
tgcaaggagg	tgatgaaaag	gagacagggg	gaaaaataat	ccatagtcat	cagaaaacaa	1680
cagcagttag	ccagaggagc	acaggcgggc	aggtcactgc	agagactgat	ggaagttaga	1740
gaggtggagg	aggccagctc	gctccaaaac	ccttgggggag	tagagggaa	gagcaggccg	1800
cgtgtcacac	ccatcatatt	atgttatttc	ccacaaccca	gttgaggggg	catggcttcc	1860
aatttagaga	cataaaacac	aggcagatca	agtagcattg	atcaatggca	tgattccaac	1920
tcagatttgt	gggacaccaa	agcccaggat	cttcccaagt	gccctgctgc	agtttagcag	1980
gtcctctcca	gctaaagagc	agttagacat	tgggagccca	ggagtgttga	ggccaggcca	2040
ggctgaggcc	catcagtcac	aggtgtgact	gggtgcttg	tcacacacag	ggcgtggtct	2100
ggccactgtt	gccagtgtc	actcagcggc	caaatgcttt	ttaatatgac	ccctgaggca	2160
ctgaaaaata	accccaggcc	aactgcagga	tagagagaga	ggtcaggaca	gcagccctgt	2220
gggtgcatg	atacactgtg	gctggagtta	ttgtgacccc	ctggtgcagt	gtccccacgg	2280
ccagtgggtc	acacagggcc	attcactgtc	catagactga	aacctatgtg	ccatttgaga	2340
gggcccggca	cactttcccc	tgagggatgg	ggcagcctgt	ggccagcacc	tctgcagtta	2400
ctctgcatag	ccagctcacc	agcatgccat	gcccagggtg	ccccccagtg	acaacctcat	2460
gggagacggg	cctggatttg	aatttggttg	aattaaagt	gctctggctt	tggtctttga	2520
aacatatcta	tttttattcc	ttggtgacat	gtccttaagt	gacaagactc	cagccttcct	2580
gggcgag						2587

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<210> 8313
<211> 1927
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(457)
<223> similar to gi5771420 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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<400> 8313
agcgggtggaa ttcgatcatg gaacttgac tgctgtgtgg gctgggtggg atggctgggtg 60
tgattccaat ccagggcggg atcctgaacc tgaacaagat ggtcaagcaa gtgactggga 120
aaatgcccat cctctcctac tggccctacg gctgtcactg cggactaggt ggcagaggcc 180
aacccaaaga tgccacggac tgggtgctgcc agacccatga ctgctgctat gaccacctga 240
agaccaggg gtgcggcatc tacaaggact attacagata caacttttcc caggggaaca 300
tccactgctc tgacaaggga agctgggtgtg agcagcagct gtgtgcctgt gacaaggagg 360
tggccttctg cctgaagcgc aacctggaca cctaccagaa gcgactgcgt ttctactggc 420
ggccccactg ccggggggcag acccctgggt gctagaagcc cacaccctct accctgttcc 480
tcagcatgga gctctggcat cccacacctca gtatctaacc tgaaccagcc tggcttttca 540
aacactccgg ggggaggtag tcccagcctc ccccggaacc ctctaccaat gccttctgac 600
cttctgaagc tttccgaatc ctcccagttg aggcagtagc tgtgtcctct gaggggtggat 660
gggaatcttg ggagaagccc aagcaaggga gccctcagag gtgggtgtttg gaccaaagca 720
tcgggggtggg ggaggggtct gccgctgtcc cccacctgct ggcccccttg tccttcctca 780
ccccctccaa tatagtctcg gagctacaac cgcagcagcc actataaagg gcaatattga 840
tctttctgtc catgtggctc tatcttttaa aacctcaagg cctccactg tcctaagata 900
aagcctctca taggcactgg ggaccctgca cagtctggcc atgtgaccct ctccccaggc 960
aagctctgaa gtccctgcag gtggaggcca tgctgtctt aaactcagtt gcatccctgg 1020
tgcccaaagc aacaccagaa ccaagaagga gctccataaa tccttcttggt gtgaagccta 1080
gacaaagccg ccaggtcttg tggtccagg caccagagcc ttgagtactt tctcctgcct 1140
ccaggcattg gctcagggtg aattacaagg ggctactgaa tggctattac tttcatcacg 1200
actgatcccc acctcctcag ggtcaaagg ctactttctg gaagtctccc caggctgact 1260
ccttctccct gactgcaagg gctcactccc tcctccaagc tcccacaatg cttcatggct 1320
ctgcgctta cctagcttgg cctagagtgg caaatggaac ttctctgatc tcccccaact 1380
agactggagc cccgaagga tggagaccat gtctgtgcca tctctgtttc cctgttttc 1440
ccacatacta ggtgctcaat tcatgcctgt gaatggcgtg agcccataat ggatacacag 1500
aggttgcagc agatggtgtg ggtacctcac ccagatatct tccaggccca agggccctct 1560
ccctgagtga ggccagggtg tggcagccaa ctgctccaat ctgcctcctt cccctaaata 1620
ctgccctggt ctagtgggag ctgccttccc cctgccccac ctctcccacc aagaggccac 1680
ctgtcactca tggccaggag agtgacacca tggaggggtac aattgccagc tccccgtgt 1740
ctgtgcagca ttgtctgggt tgaatgacac tctcaaattg ttctgggat cgggctgagg 1800
ccaggcctct cctggaacca cctctctgct tgggtctgacc ccttggccta tccagttttc 1860
ctggttccct cacaggtttc tccagaaagt actccctcag taaagcattt gcacaagaaa 1920
aaaaaaa 1927

```

```

<210> 8314
<211> 1100
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (186)...(872)
<223> similar to gi2239182 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8314
ggcacgaggc gagctggatg tccaggctgc gggcgctgct gggcctcggg ctgctgggtg 60

```

cgggctcgcg	cctgccgcgg	atcaaaagcc	agaccatcgc	ctgtcgcctcg	ggacccacct	120
ggtggggacc	gcagcggctg	aactcgggtg	gccgctggga	ctcagaggtc	atggcgagca	180
cggtggtgaa	gtacctgagc	caggaggagg	cccaggccgt	ggaccaggag	ctatttaacg	240
aataccagtt	cagcgtggac	caacttatgg	aactggccgg	gctgagctgt	gctacagcca	300
tcgccaaggc	atatcccccc	acgtccatgt	ccaggagccc	ccctactgtc	ctggtcacat	360
gtggcccggg	gaataatgga	ggagatggtc	tggctctgtc	tcgacacctc	aaactctttg	420
gctacgagcc	aaccatctac	tacccccaaa	ggcctaacaa	gcccctcttc	actgcattgg	480
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cgattgatga	actgtatgag	ctgggtggtg	atgccatctt	tggcttcagc	ttcaagggcg	600
atgttcggga	accgttccac	agcatccctg	gtgtcctgaa	gggactcact	gtgcccattg	660
ccagcatcga	cattccctca	ggatgggacg	tggagaaggg	aaatgctgga	gggatccagc	720
cagacttgct	catctccctc	acagccccc	aaaaatctgc	aaccagttt	accggtcgct	780
accattacct	gggggggtcgt	tttgtgccac	ctgctctgga	aaagaagtac	cagctgaacc	840
tgccacccta	ccctgacact	gagtgtgtct	atcgtctgca	gtgaggggag	gtgggtgggt	900
attctcccca	ataaagactt	agagcccctc	tcttcagaa	ctgtggattc	ctgggagctc	960
ctctggcaat	aaaagtcagt	gaatggtgga	agtcagagag	caaccctggg	gattgggtgc	1020
catctctcta	ggggtaacac	aaagggcaag	aggttgctat	ggtatttgga	aacaatgaaa	1080
atggactgtt	aaaaaaaaaa					1100

<210> 8315
 <211> 632
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (108)...(299)
 <223> similar to gi30155 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8315						
tccttgcgca	ccggggaaca	aggtcgtgaa	aaaaaaggtc	ttggtgaggt	gccgccat	60
catctgtcct	cattctctgc	gcctttcgca	gagcttccag	cagcgggatg	ttgggccaga	120
gcataccggag	gttcacaacc	tctgtggtcc	gtaggagcca	ctatgaggag	ggccctggga	180
agaatttgcc	atcttcagtg	gaaaacaagt	ggtcgttact	agctaagatg	tggttggtact	240
ttggatctgc	atttgctaca	cccttccttg	tagtaagaca	ccaactgctt	aaaacataag	300
gatgtttcag	ttcctccatt	taacagatat	gaagagcatt	ttaagagggtg	cagcctctgg	360
aagtggatca	aactagaact	catatgccat	actagatatg	tttgtcaata	aacttatgac	420
gtgaatgctt	aatgcctctt	ttttgaaata	gggaatgtaa	taattgggcc	atcttgcccta	480
ctttattatt	tgggtaacat	tccagtatta	ctctctgtga	tttagcttat	ttaatgggtgt	540
taaactgagg	ttatattaaa	tttttgattc	ccagggtcagg	atcttggttg	taatttatat	600
aataaaaggg	aaatacaaat	cgaaaaaaa	aa			632

<210> 8316
 <211> 2309
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1679)

<223> similar to gil228085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8316

ctggaccgat	ccgcaattcc	aggatcgacg	atttcgtggg	tggagaccca	cgagccgagg	60
cctcctgcag	tgttctgcac	agcaaaccgc	acgctatggc	tgacagccgg	gatcccgcca	120
gcgaccagat	gcagcactgg	aaggagcagc	gggccgcgca	gaaagctgat	gtcctgacca	180
ctggagctgg	taaccagta	ggagacaaac	ttaatgttat	tacagtaggg	ccccgtgggc	240
cccttcttgt	tcaggatgtg	gttttcaactg	atgaaatggc	tcattttgac	cgagagagaa	300
ttcctgagag	agttgtgcat	gctaaaggag	caggggcctt	tggctacttt	gaggtcacac	360
atgacattac	caaatactcc	aaggcaaagg	tatttgagca	tattggaaag	aagactccca	420
tcgcagttcg	gttctccact	gttgctggag	aatcgggttc	agctgacaca	gttcgggacc	480
ctcgtgggtt	tgcagtgaaa	ttttacacag	aagatggtaa	ctgggatctc	gttgaaata	540
acacccccat	tttcttcatc	agggatccca	tattgtttcc	atcttttatc	cacagccaaa	600
agagaaatcc	tcagacacat	ctgaaggatc	cggacatggg	ctgggacttc	tggagcctac	660
gtcctgagtc	tctgcatcag	gtttctttct	tgttcagtga	tcgggggatt	ccagatggac	720
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cagtttattg	caaattccat	tataagactg	accagggcat	caaaaacctt	tctgttgaag	840
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ttgccacagg	aaagtacccc	tcttggaactt	tttacctcca	ggtcatgaca	tttaatcagg	960
cagaaacttt	tccatttaat	ccattcgatc	tcaccaaggt	ttggcctcac	aaggactacc	1020
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attatcttca	tatacctgtg	aactgtccct	accgtgctcg	agtggccaac	taccagcgtg	1260
acggcccgat	gtgcatgcag	gacaatcagg	gtggtgctcc	aaattactac	cccaacagct	1320
ttggtgctcc	ggaacaacag	ccttctgcct	tggagcacag	catccaatat	tctggagaag	1380
tgcggagatt	caacactgcc	aatgatgata	acgttactca	ggtgcgggca	ttctatgtga	1440
acgtgctgaa	tgaggaacag	aggaaaacgtc	tgtgtgagaa	cattgccggc	cacctgaagg	1500
atgcacaaat	tttcatccag	aagaaagcgg	tcaagaactt	cactgagggtc	cacctgact	1560
acgggagcca	catccaggct	cttctggaca	agtacaatgc	tgagaagcct	aagaatgcga	1620
ttcacacctt	tgtgcagtcc	ggatctcact	tggcggcaag	ggagaaggca	aatctgtgag	1680
gccggggccc	tgcacctgtg	cagcgaagct	tagcgttcat	ccgtgtaacc	cgctcatcac	1740
tggatgaaga	ttctcctgtg	ctagatgtgc	aaatgcaagc	tagtggcttc	aaaatagaga	1800
atcccacttt	ctatagcaga	ttgtgtaaca	attttaatgc	tatttcccca	ggggaaaatg	1860
aaggtttagga	tttaacagtc	atttaaaaaa	aaaatttggt	ttgacggatg	attggattat	1920
tcatttaaaa	tgattagaag	gcaagtttct	agctagaaat	atgattttat	ttgacaaaat	1980
ttgttgaaat	tatgtatgtt	tacatatcac	ctcatggcct	attatattaa	aatatggcta	2040
taaatatata	aaaagaaaag	ataaagatga	tctactcaga	aattttttatt	tttctaagggt	2100
tctcatagga	aaagtacatt	taatacagca	gtgtcatcag	aagataactt	gagcaccgtc	2160
atggcttaat	gtttattcct	gataataatt	gatcaaattc	atttttttca	ctggagttac	2220
attaatgtta	attcagcact	gatttcacaa	cagatcaatt	tgtaatgtct	tacattttta	2280
caataaataa	tctgtacgta	aaaaaaaaa				2309

<210> 8317

<211> 1490
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (67)...(1413)
 <223> similar to gi202215 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8317
 gaattcccggt gtcgacgatt tcgttgtcac cccgactcaa cgtgagacgc accgcccgga 60
 ctcacccatgc gtgaatgcat ctcagtccac gtggggcagg cagggtgtcca gatgggcaat 120
 gcctgctggg agctctattg cttggaacat gggattcagc ctgatgggca gatgccaggt 180
 gacaagacca ttggtggagg ggacgactcc ttcaccacct tcttctgtga aactggtgct 240
 ggaaaacacg taccocgggc agtttttgtg gatctggagc ctacgggtcat tgatgagatc 300
 cgaaatggcc cataccgaca gctcttccac ccagagcagc tcatcactgg gaaagaggat 360
 gctgccaaca actatgcccg tggtcactat accattggca aggagatcat tgaccagtg 420
 ctggatcgga tccgcaagct gtctgaccag tgcacaggac ttcagggctt cctggtgttc 480
 cacagctttg gtgggggcac tggctctggc ttcacctcac tctgatgga gcggctctct 540
 gttgactatg gcaagaaatc caagctggaa ttctccatct acccagcccc ccaggtgtct 600
 acagccgtgg tcgagcccta caactctatc ctgaccaccc acaccacct ggagcactca 660
 gactgtgcct tcatggtgga caacgaagca atctatgaca tctgccgccg caacctagac 720
 atcgagcgcc caacctacac caacctcaat cgcctcatta gccaaattgt ctctctcatc 780
 acagcttctc tgcgctttga cggggccctc aatgtggacc tgacagagtt ccagaccaac 840
 ctggtgccct accctcgcat ccacttcccc ctggccacct atgcaccagt catctctgca 900
 gaaaaggcat accacgagca gctgtcggtg gcagagatca ccaatgcctg ctttgagcct 960
 gccaccaga tggtaaagtg tgatccccgg cacggcaagt acatggcctg ctgcctgctg 1020
 taccgtggag atgtggtgcc caaggatgtc aacgctgcc aatggcccat caagaccaag 1080
 cgcagcattc agtttgtgga ctggtgcccc acaggcttca aggttggtat caactaccag 1140
 cctcccactg tgggtgcctgg gggtgacctg gccaaagggtgc agcgtgccgt gtgcatgctg 1200
 agcaacacga ccgccatcgc cgaggcctgg gccgcctgg accacaagtt cgacctgatg 1260
 tatgccaaga gggcgcttct gcactggtat gtgggtgagg gcatggagga ggggtgagttc 1320
 tccgaggccc gtgaggatat ggctgccctg gagaaggatt atgaggaggt gggcatcgac 1380
 tcctatgagg acgaggatga gggagaagaa taaagcagct gcctggagcc tattcactat 1440
 gtttattgca aaatcctttc gaaataaaca gtttccttgc aaaaaaaaaa 1490

<210> 8318
 <211> 1491
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (148)...(973)
 <223> similar to gi4104922 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8318
gcccccgga gctgtgctct atggagctat tgcggccgtg ggtggtcgcg ggcgatgcgg 60
ggctgccagc tcctcgggct tcgtagctct tggcccgggg acctactaag tgctcggctc 120
ttgtcccaag agaagcgggc agcggaaaacg cactttgggt ttgagactgt gtcggaagag 180
gagaaggggg gcaaagtcta tcaggtgttt gaaagtgtgg ctaagaagta tgatgtgatg 240
aatgatatga tgagtcttg tatccatcgt gtttgggaag atttgctgct ctggaagatg 300
caccgccttc ctgggaccca gctgcttgat gttgctggag gcacaggatga cattgcattc 360
cggttcctta attatgttca gtcccagcat cagagaaaac agaagaggca gttaagggcc 420
caacaaaatt tatcctggga agaaattgcc aaagagtacc agaataaga agattccttg 480
ggcgggtctc gtgtcgtgg gtgtgacatc aacaaggaga tgctaaagg ttgaaagcag 540
aaagccttg ctcaaggata cagagctgga ctgcatggg tattaggaga tgctgaagaa 600
ctgccctttg atgatgacaa gtttgatatt tacaccattg cctttgggat ccggaatgtc 660
acacacattg atcaggcact ccaggaagct catcgggtgc tgaaaccagg aggacggttt 720
ctctgtctgg aatttagcca agtgaacaat cccctcatat ccaggcttta tgatctatat 780
agcttccagg tcatccctgt cctgggagag gtcatcgtg gagactggaa gtcctatcag 840
tacctttag agagtatccg aaggtttccg tctcaggaag agttcaagga catgatagaa 900
gatgcaggct ttcacaagg gacttacgaa agtctaacat caggcattgt ggccattcat 960
tctggcttca aactttaatt cctttcctat catggagcat gaaccagtca tatcctgttg 1020
aaagcctgga actgaaggat aatctggcaa atgagacagc agcagagcat ctctctttaa 1080
ggatacgtgc cttggactca tgtttgaatc gaacagtctc aaagtggaag aacaaattct 1140
tgtcactttt ttacagcttt ctttggagct gcttcagtcc atctcccaga ggcatattgg 1200
ctgtatcttt gctcaactgc taatttctct tggtgttagg gtgtgtgggt aaggtaacaac 1260
caccctaaa gctcagtttt gaagtgaagt tatttatagc ttctctgctg gtgctgcctt 1320
ctagagggat gatagatcat ttgaacccaa tgacaatttt taaccagaaa atttaattgt 1380
acctgaatca acctttcagc ctaggacgaa gtctaggccc aagtcagagt attaatgatc 1440
atgagaattg tgtgctgaac cagtaaacga gtttaccttt taaaaaaaaa a 1491

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```

<210> 8319
<211> 1651
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1429)...(999)
<223> similar to gi2062678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8319
tttttttttt ttccatttca aacaataact tttattttat acttctctat actttgtagc 60
aaatcttttt ttgctgaatt taatttataa taaacttttt aaattacatc tctctctctt 120
tttttttaaa atcaaggctc ttttatgtca aaatcttttt ttagctatat ttttagattaa 180
catttaacat ccccccttg tgatctatac cgttggatat tcaggtatta ctgtgtgtgt 240
aacagctaaa acaagaggga ggagggaataa taaaggcagt gaacttggaac ggatgcatca 300
acaacagcag ataaagctaa cccctcagt accatagcag catgtcttct ggaagccttt 360
actcttacc cagagatttc ctacagccct tccctctctt ccctcctatc ctcccaaaca 420
caaaggccca acagtctgtc ctttcgcttt tcttgaggag aaatgtgcag tggaaatgat 480
caaaacaaga tactgtggaa gaacgacgtg agcgtgaatt attcaccgta tgtttcgtcc 540
gtggacatct ctcttgaatt cattccctg gccttctct ctctcgcct tcctattagg 600

```

```

aggagcccat cttttttcat gttactagca tgattaatat agtaggtggc ccagggccgt 660
tcctgagatt cttttgccaa caaaaaaaat taataataat aaaattaaaa aatggggtgg 720
gtttgccgtt ttcttatttg tgtgtgaaga cggactaaag ctgaggtccg attttggtctg 780
tgcttgcttg ctcaactgatt ggtaacatct ggcaaataaa acacaagaaa tcaaacgaaa 840
taaaaaagag aatcaggatt tcccacaatc ctatatgagt gttttcagca tcacagagaa 900
tcacaacgtc ccaaagaac taatggatct tcctctcgat ttccgggagc atggagtgg 960
tgtgggtggg cgcgcggggg gagctggccc cacgctcaga aggaaagcca ggctcgctaaa 1020
gctgccgaga gagacaccag gagcaccggg aacgccggga gcagggaccc cgcgcggggg 1080
ttgccgctgc cgcagagttc gaataagctg ccttgatgtg tgaggttttt ggattctttt 1140
ctcagtttat cccacatatc tttcgccctt tcctggcaat ccgtaagggc tgtgaccgtg 1200
cagctgtgga aatcctccca gtatgtgcac acggtcttga tgttcgtctt gtcgtccagg 1260
ccctgcgggt agttggccat gctgtcgccc agcttgagca aacagtccga aaagcccttg 1320
aagaccgcat cgcacttgcc cgctgctctc acggcctgca ccagatacgc tatttgacc 1380
gcgaggatca gtgaaatata tctgccgttc aacttaagtc ccatcctacg tttagtcaaa 1440
ccatttgca ccgcagacct ttaaatagtt agtttagaga acgcggggga aagccaaaaa 1500
ataggcattg ccaacaagtt ccgggagcga cagagacttt atgcaactgg aaggcagagg 1560
gaggagagaa agagagggag cgaggaagag ccagaaagag agagagagag agaaagagag 1620
agagagagag aggctgaggg gggggggaga g 1651

```

```

<210> 8320
<211> 1730
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (284)...(1519)
<223> similar to gi773387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters.

```

```

<400> 8320
cccatccacc cgcgacccac atccgatcgg taccggagcg ggaggtgagg ggctcggctcg 60
cggatccagc tgcagagcga cgtggggaat tggaatggtg ctttgatct tatggaggcc 120
atlttgattc tcaggaagat ttctgaaact ggaaagccat agcataactg aatcaaaatc 180
gttgattcca gtagcttgga catccctgac acagatgctt ttggaagcac ctggtatttt 240
cttattgggt caaagaaaaa gattctcaac catgccagaa acagaaacac atgagagaga 300
gactgaattg ttttcaccac cttctgatgt ccgaggcattg acaaaacttg atagaacagc 360
ttttaaaaag acagtcaaca ttccagtgtt taaagtgagg aaagaaatag tcagttaaatt 420
gatgcgatcc ctaaaaaggg cagcattgca gcgcccaggc ataagacgtg tgattgaaga 480
tcgggaagat aaagaaagta gactaatcat gttggatccc tataaaatat ttactcatga 540
ttcctttgag aaagcagaac tcagtgtttt agagcagctt aatgtcagtc cacagatctc 600
taaatacaat ttggaactaa catatgaaca ctttaagtca gaagaaatct tgagagctgt 660
gcttcctgaa ggtcaagatg taacttcagg gtttagcagg attggacata ttgcacacct 720
aaaccttcga gatcatcagc tgcctttcaa acatttaatt ggccagggtta tgattgacaa 780
aaatccagga atcacctcag cagtaaataa aataaataat attgacaata tgtaccgaaa 840
tttccaaatg gaagtgtat ctggagagca gaacatgatg acaaagggtc gagaaaacaa 900
ctacacctat gaatttgatt tttcaaaagt ctatttgaat cctcgtctgt ctacagaaca 960
cagcgtatc acagaacttc tcaaacctgg ggatgtccta tttgatgttt ttgctggggg 1020
tgggcccttt gccattccag tagcaaagaa aaactgcact gtatttgcca atgatctcaa 1080
tcctgaatct cataaatggc tgttgtacaa ctgtaaatta aataaagtgg accaaaagg 1140

```

gaaagtcttc	aacttggatg	ggaaagactt	cctccaagga	ccagtcaaag	aagagttaat	1200
gcagctgctg	ggtctgtcaa	aagaaagaaa	accctctgtg	cacgttgtca	tgaacttgcc	1260
agcaaaagct	atagagtttc	ttagtgcttt	caagtggctt	ttagatgggc	agccatgcag	1320
cagtgaagt	cttcccatag	tgcattgtta	tagcttttcc	aaagatgcta	accctgctga	1380
ggatgttcgg	caaagggctg	gagctgtgtt	aggcatttct	ctggaggcat	gcagttcagt	1440
tcacctggta	agaaatgtgg	ccccaaacaa	ggaaatgctg	tgcatacacgt	ttcagattcc	1500
tgcctctgtc	ctctacaaga	accagaccag	aatccagag	aatcatgaag	atccacctct	1560
taaaaggcag	agggcggtg	aagccttttc	agacgaaaaa	acccaaattg	tttcaaacc	1620
ttaattggaa	atgttttctc	catccccccc	ccagacttac	atgtagtgaa	atagaatttg	1680
tattatttaa	taaaatttta	gggtttggtt	tttcctattg	aaaaaaaaa		1730

<210> 8321
 <211> 1794
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (57)...(1197)
 <223> similar to gi3342218 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8321	
gaaagtacga	gtcggctcag
tggccatcca	caaagccttg
cctgggcccc	gggccaatgtc
acctgtgtga	ccgctctggg
ttgtcaccac	gtttgtgtctc
ccaagaaacg	gagcctgctg
tctgcctcgt	gtttgcctgt
tctcttttg	ggttctgttc
tcaacttct	ggcccgaag
tgtgtctgac	cctggtagag
ggggcagtg	cgagggcggc
cctgtgccat	cgccaacatg
tgggtgcctt	cctgggggccc
atggggctct	tgtgctctc
tcatgtatac	ttacggcaac
ccatgcacct	cgccgccaat
cccaggtgac	caagtccagc
gcgtgggcta	tgagaccatc
aggccttttc	catggatgag
acaatgggca	gctgctgacc
ttccgtccga	aggagcttac
tgggcagtg	caactcgacc
cggccacacc	gccgaaagac
actgagtcag	cggtggcgag
cccgggcaag	ggactctcca
agatgtggaa	gggcctccct
cactcctcag	tgtttgtgga
cctggaggga	cccaaccaga
gcctggcctg	ggagccagga
ttctcttctg	ttccagggg
cctcaacccc	ctgtactaca
ggccgtggct	ggggcgggca
gtgcaggaca	
ctcccccttt	gtgcaggaca
tctggggacc	ctgggcctct
cacctgtgcc	tctcggcgct
ggcggtcac	gtctttgccc
actgtggctc	
accctgggtc	
gtggcctccc	
ctacgtcatg	ctgctgctgc
ctacaagcgc	tggcgtaagc
catatgggtg	gtgtggatcg
ctgggatgac	cccacgctgg
ctacgtcatc	cccaggtct
ggacatgtac	cccacccggg
gagcatgttc	gtggagaaca
ggtgtcacca	tacagcgggt
gatggccctg	atgcacaaag
caccgccaac	agccaggtga
ctcgcccag	agccaccagg
tagaaaacccc	tacgtgtggg
gagggccctg	aggacctggc
ggcccagcaa	catgtgcccc
gtgtcatggg	tgtccccacc
ctcctgccag	gatcacctcg

gcggtcacac	tccagccaaa	tagtgttctc	ggggtggtgg	ctgggcagcg	cctatgtttc	1680
tctggagatt	cctgcaacct	caagagactt	cccaggcgct	caggcctgga	tcttgctcct	1740
ctgtgaggaa	caagggtgcc	taataaatac	atttctgctt	tattaaaaaa	aaaa	1794

<210> 8322
 <211> 2650
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (188)...(570)
 <223> similar to gi790567 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

CCF70.5.2.5.1.00

<400> 8322						
ccgcctcctt	gaagctgccc	ctgtcgtctg	tgctcgttct	agtcgcagat	ccttgccagc	60
acattacaga	atatttttgt	tgaaccttct	tgagaattca	gagaaactgc	tgagtgacca	120
ctgaacgaaa	agatctaata	ttaaggctta	cgcgtgttcc	atccaccaca	tcagaacaat	180
gtcgtatgtt	tttgtaaatg	attcttctca	gactaacgtg	cccttgctgc	aagcctgtat	240
tgatggggac	tttaattatt	ccaagcggct	tttgaaaagt	ggctttgacc	caaatattcg	300
tgacagcagg	ggcagaacag	gccttcacct	tgacgcagct	cgagggaatg	tagacatctg	360
ccagttactg	cataaattcg	gtgcgatctt	tctggccaca	gattatcaag	gaaacacagc	420
tcttcacctc	tgtggccatg	tgataactat	ccaatttttg	gtttccaatg	gactcaaaat	480
tgatattttg	aatcatcaag	gtgctacccc	tttagttctg	gcaaagcgca	gaggagttaa	540
taaagatgtc	atccgattgc	tggaatcttt	ggaagaacag	gaggtgaaag	gatttaacag	600
aggaacccac	tcgaaactgg	agaccatgca	aacagctgag	agtgaagtg	ccatggaaag	660
ccattcactc	ctcaatccca	acctgcagca	aggtgaagga	gtcctctcca	gcttccgaac	720
cacgtggcag	gagttttgtg	aggatctggg	cttctggaga	gtattgctgt	tgatcttcgt	780
cattgctttg	ctgtctcttg	gcattgctta	ttatgtgagt	ggggtgctac	ccttcgtgga	840
aaaccagcct	gaactggtgc	attaaaggag	ctcatggaag	atgaggcaat	taattccctg	900
tttctctggc	tccaatgttt	gttctcagtt	tctcagaatt	tttcttagcg	caaagcagtg	960
agggcagtag	atggtccttt	tggcattttt	attatggtaa	atccttttag	ataatgatgt	1020
gttcatttga	actaactaca	tactatgata	aagtatatgt	catcctaacg	ctacctctga	1080
ctcaacctga	ctttgtagga	aagcctacac	gtagccttgt	ttgataaaaa	cacggaagtg	1140
actagagaat	ggaagataaa	ggaagaagct	aggaagtcct	tgctatcaaa	accttatcct	1200
aatataggac	caattgaagt	attcaaaaag	aaaaacagta	tcttatatga	ttagtttttg	1260
ttggtgggtt	tgttttcatt	tattttttgca	agagccactt	tttatttact	ttctctaggg	1320
ataagagata	aaacttgaag	tacttttttc	aaatcttgtg	tgcaaattag	tattgttagc	1380
atctattttg	cttatttttag	tattttttaag	tctagtcaca	aaccaaacia	aacttttgaa	1440
aatgagctat	attttgttca	aagataattg	atttgatctt	atattttatt	gttttttagga	1500
taatttttga	tctttttgta	aactgctttg	cttggttaata	tctgtgaaaa	ataaatgagt	1560
tcatttttgt	cactttccaa	ttttcccagag	tatcctagtc	atcaaagata	acagttcatc	1620
agaattacag	tcagaaaatc	ctttttctac	tgaatagtta	gcagggaaaa	ataattctga	1680
tatttaactg	tcataattct	gtagtgtctat	tatagtgaag	aactcagttc	tataagctag	1740
ctgtgttgtc	acagttttat	catagtccat	aattatttca	cgtgcaatcc	tatttgaggg	1800
ccctgttaga	cttttaacaa	tcccatccat	atctgtaatt	ctctgatggc	aagaatggat	1860
ggagcatttc	tgagttaaca	gtgctggaca	gtatcgtact	gggtgtcata	aactctttat	1920
gaatggtaat	attatgtaaa	ttgaaatctg	gccctcaaac	tatattgcag	ctttcagcag	1980
tatgtttgaa	ggcctctttt	gttaatgatt	ctgtaatgta	tgaattatgt	tcttgagtgg	2040

ttaaaaaaga	atatgaaggc	ttgataatta	tttattgggt	aaagtcagga	aattgtagtg	2100
aaagaactaa	tgggttttggt	ttttggaata	aaggcaccta	agctattgct	aattgaattg	2160
ctgctagaat	tagaaattat	gctttagaat	agaattggta	tttctgtgat	tctttttgct	2220
tcttggtatt	ttctcttgta	tctatgtatc	tagtattgag	gcttgctctt	tcatgtggct	2280
ttatcctctc	tttaatatagct	gttgtaaaaat	tcctgagtaa	ctggctgctt	caggatcagc	2340
ttgcagagtc	ttgcttttag	gttagataca	aacaaagtaa	atcatagttg	gtgtaaattcc	2400
agcaaaaaac	agctggcctt	ggaatggaga	acactacaat	tcaaatttga	agtatatattca	2460
gaagaaaact	ttggaattag	ctttacattt	gtttgtaaat	ctaaacaaat	atgccaaaaat	2520
tgggtcaaaat	gtaagtatat	agcattttta	aagattaatg	gttccttttt	atgtgctgat	2580
ttcttttgta	ttctgttctc	tgcattcatc	attcaggaat	accaccaata	aatgtattta	2640
tatatccctt						2650

<210> 8323

<211> 2027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(1184)

<223> similar to gil226235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8323

cccacgcgtc	cgatagattg	cttgtgctgc	ctgataatta	ctcgcacttt	tcccaggcta	60
gtgcaaatct	tcaggggccc	tccaggacta	cagagctgtt	tcaccctacc	ttggcttcaa	120
tctcttcccc	catgctcgaa	ggtgcggagc	tgtacttcaa	cgtggaccat	ggctacctgg	180
agggcctggt	tcgaggatgc	aaggccagcc	tcctgaccca	gcaagactat	atcaacctgg	240
tccagtgtga	gaccctagaa	gacctgaaaa	ttcatctcca	gactactgat	tatggtaact	300
ttttggctaa	tcacacaaat	cctcttactg	tttccaaaat	tgacactgag	atgaggaaaa	360
gactatgtgg	agaatttgag	tatttccgga	atcattccct	ggagcccctc	agcacatttc	420
tcacctatat	gacgtgcagt	tatatgatag	acaatgtgat	tctgctgatg	aatgggtgcat	480
tgcagaaaaa	atctgtgaaa	gaaattctgg	ggaagtgcc	ccccttgggc	cgtttcacag	540
aaatggaagc	tgtcaacatt	gcagagacac	cttcagatct	ctttaatgcc	attctgatcg	600
aaacgccatt	agctccattc	ttccaagact	gcatgtctga	aaatgctcta	gatgaactga	660
atattgaatt	gctacgcaat	aaactataca	agtcttacct	tgaggcattc	tataaattct	720
gtaagaatca	tgggtgatgtc	acagcagaag	ttatgtgtcc	cattcttgag	tttgaggccg	780
acagacgtgc	ttttatcatc	actcttaact	cctttggcac	tgaattgagc	aaagaagacc	840
gagagaccct	ctatccaacc	ttcggcaaac	tctatcctga	gggggttgccg	ctggttggtc	900
aagcagaaga	ctttgaccag	atgaagaacg	tagcggatca	ttacggagta	tacaaacctt	960
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aatgtaaaaa	aattataaat	gttaaaagga	agttattgaa	gaaaataaaa	gaaattatgt	1260
tatattatct	agactacaca	aaagtaagcc	acactatatc	ttcatgagtt	gcaaatccat	1320
ggaaacacag	taaaccagcc	ctgaaacaaa	gcatttcctt	gttttcagtg	gtattagatc	1380
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tatggatatt	ttcttattct	tgtttgatca	tgttaaaaaat	tggacctaat	aaaagtatct	1500
tattcttgct	tttccatgct	tctctacagg	tccaaatact	gaatgtctcc	tttacttttt	1560

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ctcttttaaa tttttttcta gacaggggtct cactctgtca cctaggctac agtgcagtgg 1620
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gcctccaaag tagctggcac tacaagtgtg cccccccaca caaggctaag ttttgtatgt 1740
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gatccacagt ccccttgggc ctcccaaagt gctgggatta catgcatgag ccactgtgct 1860
gggcttcatt tacattttaa ctgtctgttc cttgcctaga ttcacagaaa tccaaagctg 1920
tatgtagtca acatggttca caagtgggtg aaaatgtgct tttttgcttt gttttgggtt 1980
gtttcggttt gttttgagac agagattccc tctgtcgccc aagctag 2027

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<210> 8324
<211> 1549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(1023)
<223> similar to gi780241 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8324
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cgcccgccctg gtggccgctt gcagtgcgtg gctctgcccg gggttgaggc tgcccggtctc 120
gttggcaggc cggcgagcgg gcccgcgat ctgggccag ggtgggtac ctgcccggcg 180
gggtcccgcc ccgaaaagg gctacagctc tgagatgaag acggaggacg agctgcccgt 240
gcggcacctg gaggaggaga accgaggaat tgtggtgctt ggaataaaca gagcttatgg 300
caaaaattca ctcagtaaaa atcttataaa aatgctatca aaagctgtgg atgctttgaa 360
atctgataag aaagtacgga ccataataat caggagtga gtcaccaggga tattctgtgc 420
tggtgctgac ctttaaggaaa gagccaaaat gagttccagt gaagttggtc cttttgtctc 480
caaaataaga gcagtgatta acgatattgc taatcttcca gtaccaacaa ttgcagcaat 540
agatggactc gcttttaggtg gtggtcttga actggcttta gcctgtgata tacgagtagc 600
agcttcctct gcaaaaatgg gcctgggtga aacaaaattg gcgattatct ctggtggagg 660
ggggacacag cgattgccac gcgccattgg aatgtccctg gccaaaggagc tcatattctc 720
tgcgcgagtc ctcgatggca aagaagccaa agcagtgggc ttaatcagcc acgttctgga 780
acagaaccag gaggagagcg cggcctacag gaaggccttg gacctggcga gagagttttt 840
acctcaggga cctgttgcaa tgagagtggc aaaattagca attaatcaag ggatggaggt 900
cgatttagta acagggttag ccatagaaga agcttggtat gtcagacca ttccaacaaa 960
agacagactt gaagggtctt ttgcttttaa agagaaaagg cccctcgct ataaaggaga 1020
ataaaaggaa cagaaattct taagatgcca atgtaataaa tgtacttctt ggaagtgtct 1080
ttcgatcca ctatatgct cagcacatgg aaccttaatg accaaagtga agagcagatt 1140
attcatcagg tgtaataagc atctggaatg gacccatccg tgtacttcat tcaaattgtgt 1200
aaatgtcata ttcattcaga tttataaagc tagtagtgta tagtcagaaa cagaatcaaa 1260
gttagatata ctttttttaa tttttactgc atatgaggct ttctgttaat tttttaatgt 1320
gaataattta tatattgcac attctagggg ataataattga ttgtatgtct actgtgctgc 1380
attaagaaaa taaaatttct atataccaaa aatgtgaagt tataccaaat aaagtttcta 1440
agtgattaat gcatacgaac agctacatat acatatatct aaacctgaaa aatgaattga 1500
tattctgagt gaaaactacc taatataaat aaaattagtg aaaagaaaa 1549

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<210> 8325
 <211> 2579
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1018)...(1491)
 <223> similar to gi2662578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8325

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cgggccgcaa	gtttccctct	ccagccgccc	gccgttcgta	gcatgtcccc	cagaactcgg	180
ggagcgcagg	caggacaggc	ttagagaaga	cgcggtcccc	agcgcttggg	ccacggacgt	240
cccacccgc	tcctctgtcg	ctggagaacc	gccgggccga	gccactggga	gaagcaggcc	300
agagccttcc	agggcctccg	gcccgtggac	ccgaggagga	tgagctggct	ttttccctcg	360
accaagagcg	cctcctcctc	cgcggtggg	tccccgggtg	gcctcaccag	cctccagcag	420
cagaagcgcg	gocctgatga	gtccctccgg	aactcacact	ccagtatagc	cgaaatacag	480
aaagatgtgg	aatacagatt	gccattcacc	ataaacaacc	tgacaattaa	cattaatata	540
ttgcttcctc	cacagtttcc	tcaggaaaaa	ccagtgatca	gtgtttatcc	accaatacga	600
catcacttaa	tggataaaca	aggagtgtat	gttacctctc	cattagtata	caattttaca	660
atgcactcag	atcttggaaa	aattattcag	agtctgttgg	atgagttttg	gaagaatcct	720
ccagttttag	ctcctacttc	aacagcattt	ccttatctat	acagtaaccc	aagtgggatg	780
tctccttatg	cttctcaggg	ttttccattt	cttcctccat	atcctccaca	agaagcaaac	840
aggagtatca	cttctttatc	tggttctgac	actgtttctt	cttcaacaac	aagtcatacc	900
acagccaagc	ctgccgctcc	ttcatttggg	gtcctttcaa	atctgccatt	acccattccc	960
acagtggatg	cttcaatacc	gacaagccaa	aatggttttg	ggtacaagat	gccagatgtc	1020
cctgatgcat	ttccagaact	ctcagaacta	agtgtgtcac	aactcacaga	tatgaatgaa	1080
caagaggagg	tattactaga	acagtttctg	actttgcctc	aactaaaaca	aattattacc	1140
gacaaagatg	acttagtaaa	aagtattgag	gaactagcaa	gaaaaaatct	ccttttggag	1200
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agtgccttcc	aggcaagatt	gaaagtagct	gcacatgaag	ctgagggaaga	atctgataat	1380
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gaaaagagaa	caatttgcca	ctgtagaaga	gccaagggaag	agaaacttca	gcaggcgata	1500
gcaatgcaca	gccaatttca	tgctccacta	tagattttcc	tggaaacatg	aactgccaaag	1560
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aacctgccta	tgtgccatct	cacaaaagaa	acttttaata	cctacaataa	atcaaaagaa	2100
taaaccagct	gttctttatat	attgtttcat	ttttaaaact	aaagatgcat	ttaagaagca	2160
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aagctatagt	aataagtaaa	atttaatttt	taggcaatcc	tgatttttaa	tgaatttaat	2460
tgagtgttct	tgtatactac	attgagcagt	ttgcttctat	accgtgtcac	aaaattcatg	2520
tatttcttga	gaagccctaa	aagctcataa	aggaaaatgc	cgtgaactat	gtagctcag	2579

<210> 8326
 <211> 557
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (93)...(323)
 <223> similar to gi871885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8326	
aaaaaccgga	gctggcgctt ggcacgcgca ctctgggcag gatccaacgt cgctccagct 60
gctcttgacg	actccacaga taccocgaag ccatggcaag caagggcttg caggacctga 120
agcaacaggt	ggagggggacc gccaggaag ccgtgtcagc ggccggagcg gcagctcagc 180
aagtgggtga	ccaggccaca gaggcggggc agaaagccat ggaccagctg gccaagacca 240
cccaggaaac	catcgacaag actgctaacc aggcctctga caccttctct gggattggga 300
aaaaattcgg	cctcctgaaa tgacagcagg gagacttggg tcggcctcct gaaatgacag 360
cagggagact	tgggtgaccc cccttccagg cgccatctag cacagcctgg ccctgatctc 420
cgggcagcca	ccacctcttc ggtctgcccc ctcatataaa ttacagttcc caccacaaaa 480
aaaaaaaaag	ggggggcggt tttaaggatc aaatttatac gccggggggc ggcaagggtat 540
tatttttttt	ttggggc 557

<210> 8327
 <211> 4913
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4881)...(2458)
 <223> similar to gi204177 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8327	
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ggtgaccagt	gagtgacca atgtctgggt gggaaatctc tctctgaact tcttgctgtt 180
ggacctaaaa	tgtggatgta aattggatca cagctgggtt ggcattgaaa aaaatacata 240

cacacaacaaac	aattacaact	tctttatatg	gcagttttta	ctgggtgtct	aatactctct	300
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gacttgatgc	ttcttataaa	ttccccattg	caaacaaaaa	ataacaatcc	aacaagagtc	480
atgttaccca	ttcttagcca	ttaacctggt	tttaagtctc	caaaatcagg	attttaaaat	540
gtaccaact	gggaccaaat	acaaacatga	gacactaggg	tggcttgtcc	ttgattagga	600
atcaccagct	taaggaaactt	tatcatgggc	tgagagttag	atagatagct	tagaacaaca	660
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cgggtgcctc	cagaattcct	agtacaacga	gcagtcacag	ccaaccccc	aacctactt	1680
ttgctgtag	cccatatgct	agaggttggt	gacctgacg	acttggcttt	cctccgaaag	1740
gccttgcccc	gcctgcatgc	ctggttttcc	tggctccatc	agagccaggc	aggccactg	1800
ccactatctt	accgctggcg	gggacgggac	cctgccttac	caaccttact	gaaccccaag	1860
accctacctt	ctgggctgga	tgactacccc	cgggcttcac	acccttcagt	aaccgagcgg	1920
cacctggacc	tgcgatgttg	ggtggcactg	ggtgcccgtg	tgctgacgcg	gctggcagag	1980
catctgggtg	aggctgaggt	agctgctgag	ctgggcccac	tggctgcctc	actggaggca	2040
gcagagagcc	tggatgagct	gcactgggcc	ccagagctag	gagtctttgc	agactttggg	2100
aaccacacaa	aagcagtaca	gctgaagccc	aggccccctc	aggggctcgt	tcgggtgggtg	2160
ggtcggcccc	aacctcaact	gcagtatgta	gatgctcttg	gctatgtcag	tctttttccc	2220
ttgctgctgc	gactgctgga	ccccacctca	tcccgccttg	ggccccctgct	ggacattcta	2280
gccgacagcc	gccatctctg	gagccccctt	ggtttacgct	cccttgccagc	ctccagctcc	2340
ttttatggcc	agcgcaattc	agagcatgat	ccccccctact	ggcgggggtgc	tgtgtggctc	2400
aatgtcaact	acctggcttt	gggagcactc	caccactatg	ggcatctgga	gggtcctcac	2460
caggctcggg	ctgccaaact	ccacgggtgag	ctccgtgcc	acgtggtagg	caatgtatgg	2520
cgccagtacc	aggctacagg	ctttcttttg	gagcagtaca	gtgaccgcga	tgggcgaggc	2580
atgggctgcc	gccctttcca	cggctggacc	agccttgtct	tactggccat	ggctgaagac	2640
tactgaaggg	agggagagga	ggggagccaa	gacactcatg	ccactctggc	tctgaaggga	2700
caaaggcttc	tggcttttgc	ccccagcccc	ttggatacca	gtaattcaaa	ccttcctcat	2760
ttcatctcag	gtgtctcctt	gctgtcatcc	cacatagccc	tgggggtgaat	gtgaatccag	2820
agtctatttt	tctaaataaa	ttggaaaaaa	caaaaaaaaa	a		2861

<210> 8329

<211> 1756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (229)...(1268)

<223> similar to gi4895164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8329

tgtgtctgtg	tctgtctgtg	tctcgcagcg	gcgcgcggcc	ccggacaagc	gctgggggatt	60
cccgtttgag	gcgtcactac	tgctactgcc	atcacccccc	ggagccactt	ctagaggggga	120
gtagaccocg	cccttcgcgc	ggcagagaag	atgttgcccc	tgtccatcaa	agacgatgaa	180
tacaaaccac	ccaagttcaa	tttgttcggc	aagatctcgg	gctggtttag	gtctatactg	240
tccgacaaga	cttcccggaa	cctggttttc	ttcctgtgcc	tgaacctctc	tttcgctttt	300

```

gtggaactac tctacggcat ctggagcaac tgcttaggct tgatttccga ctcttttcac 360
atgtttttcg atagcactgc cattttggct ggactggcag cttctgttat ttcaaatgg 420
agagataatg atgctttctc ctatgggtat gttagagcgg aagttctggc tggctttgtc 480
aatggcctat ttttgatctt cactgctttt tttattttct cagaaggagt tgagagagca 540
ttagcccctc cagatgtcca ccatgagaga ctgcttcttg tttccattct tgggtttgtg 600
gtaaaccctaa taggaatatt tgttttcaaa catggagggtc atggacattc tcatggctct 660
ggccacggac acagtcatte cctctttaat ggtgctctag atcaggcaca tggccatgtc 720
gatcattgcc atagccatga agtgaaacat ggtgctgcac atagccatga tcatgctcat 780
ggacatggac actttcattc tcatgatggc ccgtccttaa aagaaacaac aggacccagc 840
agacagattt tacaagggtg atttttacat atcctagcag atacacttgg aagtattggt 900
gtaattgctt ctgccatcat gatgcaaaat tttgggtctga tgatagcaga tcctatctgt 960
tcaattctta tagccattct tatagttgta agtgttattc ctcttttaag agaattctgtt 1020
ggaatattaa tgcagagaaac tcctccccta ttagaaaata gtctgcctca gtgctatcag 1080
agggtacagc agttgcaagg agtttacagt ttacaggaac agcacttctg gactttatgt 1140
tctgacgttt atgttgggac cttgaaatta atagtagcac ctgatgctga tgctaggtgg 1200
attttaagcc aaacacataa tatttttact caggctggag tgagacagct ctacgtacag 1260
attgactttg cagccatgta gtgaatggaa agaaattatg caccttttat ggaccaaatt 1320
tttctggtac tgtacgatcc aaaacattgt acccagcttt ttaaaagaga gaaattatca 1380
ctacaactcc cgagcactaa gtagacgggg tagagtcagc cgttcatgct ttgtggggag 1440
ttcacagcta agggatcaga tttaagagga tatctcctgg acttttggtc ttttcttttg 1500
tgctctttcc tccaaatctt tttgacttct gaggttttta gcttaggatg ttaatttgtc 1560
cttttgtctt tctttttttg tttttgttt ctgtttgttt gttttcatgt tgaatgccca 1620
caccaccatc ctctcatccc agccagtaag aatttcagtt gtgggcctcc agtcttctgg 1680
aatgtcttca ctgcagctgc tggaaatcac tgctttcatt cccacaaaac cagtattact 1740
tttttttaaa aaaaaa 1756

```

```

<210> 8330
<211> 2041
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (143)...(1764)
<223> similar to gi5533081 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8330
gaattcgttc tcaactacga gccacgagtt tgcagatggg gctgctcggc ggcgccctgtg 60
gctgagggag agcagcggcg gcggggagcg accgggagcg gcggcagcgg cggcgaggag 120
gcggctgagg tgcgagccgg caatgcagca agtcttgga aaccttacgg agctgccctc 180
gtctactgga gcagaagaaa tagacctaat tttcctcaag ggaattatgg agaattcctat 240
tgtaaaatca cttgctaagg ctcatgagag gctagaagat tccaaactag aagctgtcag 300
tgacaataac ttggaattag tcaatgaaat tcttgaagac atcactcctc taataaatgt 360
ggatgaaaat gtggcagaat tggttgggtat actcaaagaa cctcacttcc agtcactggt 420
ggaggcccat gatattgtgg catcaaagtg ttatgattca cctccatcaa gccagaaaat 480
gaataattct tctatcaata atcagttatt accagtagat gccattcgta ttcttgggtat 540
tcacaaaaga gctggggaac cactgggtgt gacatttagg gttgaaaata atgatctggt 600
aattgcccga atcctccatg ggggaatgat agatcgacaa ggtctacttc atgtgggaga 660
tataattaaa gaagtcaatg gccatgaggt tggaaataat ccaaaggaat tacaagaatt 720

```

actgaaaaat	attagtggaa	gtgtcaccct	aaaaatctta	ccaagttata	gagataccat	780
tactcctcat	caggtatttg	tgaagtgtca	ttttgattat	aatccataca	atgacaacct	840
aataccttgc	aaagaagcag	gattgaagtt	ttccaaagga	gagattcttc	agattgtaaa	900
tagagaagat	ccaaattggg	ggcaggctag	ccatgtaaaa	gagggaggaa	gcgctggtct	960
cattccaagc	cagttcctgg	aagagaagag	aaaggcattt	gttagaagag	actgggacaa	1020
ttcaggacct	ttttgtggaa	ctataagtag	caaaaaaaag	aaaaagatga	tgtatctcac	1080
aaccagaaat	gcagaatttg	atcgtcatga	aatccagata	tatgaggagg	tagccaaaat	1140
gcctcccttc	cagagaaaaa	cattagtatt	gataggagct	caaggtgtag	gccgaagaag	1200
cttgaaaaac	aggttcatag	tattgaatcc	cactagattt	ggaactacgg	tgccattttac	1260
ttcacggaaa	ccaaggggaag	atgaaaaaga	tggccaggca	tataagtttg	tgtcacgata	1320
tgagatggaa	gcagatatta	aagctggaaa	gtatttgga	catgggggaat	atgaaggaaa	1380
tctctatgga	acccaaattg	attctattct	tgaggttgtc	caaactggac	ggacttgcata	1440
tctggatgtc	aaccacaaag	cactgaaagt	attgaggaca	tcagagttta	tgccctatgt	1500
ggtattttatt	gcggctccgg	agctagagac	gttacgtgcc	atgcacaagg	ctgtggtgga	1560
tgagggaatc	actaccaagc	ttctgaccga	ctctgacttg	aagaaaaacag	tgatgaaaag	1620
tgacgggatt	cagagagcat	acaaccacta	ttttgatttg	atcatcataa	atgataatct	1680
agacaaaagcc	tttgaaaaac	tgcaaaactgc	catagagaaa	ctgagaatgg	aaccacagtg	1740
ggctcccaatc	agctgggttt	actgatgatt	cagtaagggt	aacaatgaaa	attaaactct	1800
taaaaagctga	ctgcaacaaa	taaaccttct	actgagaaaa	tacatcacag	atagaagatt	1860
atctgcctaa	gtcccaggga	tttttatggg	gtagattgaa	ataatagtag	acttctgaat	1920
ttttatataa	aatgtgggtg	gaaggtgtac	taatatataa	tttatcttaa	tttttctaac	1980
tttgtatgga	taatctttct	attcatatca	cataaagaaa	tgcgttgaag	caaaaaaaaaa	2040
a						2041

```
<210> 8331
<211> 1302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (477)...(1275)
<223> similar to gi5001720 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

cgggtggctgc caccgaagag gatccgccta agatgggaga cctgagcaag ctgagcccag 900
gactgggtag ccccatctcg ggcctcagta aattgactcc ggacagaaag ccctctcgag 960
gaagggttgcc ctccaaaacg aaaaaagagt ttatctgcaa gttttgcggc agacacttta 1020
ccaaatccta caatttgctc atccatgaga ggacccacac ggacgagagg ccgtacacgt 1080
gtgacatctg ccacaaggcc ttccggaggc aagatcacct gcgggatcac agatacatcc 1140
attccaaaga aaaacccttc aaatgtcagg agtgtgggaa aggattttgt cagtctagaa 1200
ctctagcagt tcacaaaact ttacacatgc agacatcaag ccctacagct gcgagcagtg 1260
cggcaaagtg ttcaggcgaa actgtgatct gcggcggcac ac 1302

```

```

<210> 8332
<211> 839
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (217)...(606)
<223> similar to gi286244 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8332
tggtggaatt cctgagccgt tgccttggct acaccgtctg ttagggccgc gcacgagatc 60
agtaactgag acctcacgc gttgaccag caccagggtc cgcggggggc ccgcgagggt 120
ctcggtagcc gcgcgcccag agacccccgc cgcgggccga ttctctgagc gccagacatg 180
aaccgcaaga aactgcagaa gctgacggac accttaacca aaaattgcaa gcattttattc 240
cgagggtttg ataaagataa tgatggctgt gtaaattgat tggagtggat tcatggatta 300
tcaactgttc ttcgaggatc tttggaagaa aaaatgaaat attgctttga agtgtttgat 360
ttgaatggtg acggattcat ttcaaaggag gaaatgtttc acatgttgaa gaacagcctt 420
ctcaaacagc catctgagga agaccctgat gaaggaatta aagatttggt tgaaataaca 480
ctgaagaaaa tggatcatga ccatgatggg aagctgtctt ttgcagacta tgaactggct 540
gtgagagaag agactcttct actggaggcc tttgggccat gtcttcctga tccaaagagc 600
cagatggaat ttgaagctca agtattcaaa gatccaaatg aattcaatga tatgtgaata 660
actaaatgtc tatattgtct caagtgaagta aaaaaggagg cacacacata ttgcttattt 720
tttctactta gttcagaaaa atgatgttga attgtgtgtt tcagggtgaa gatgagggtc 780
acttacatat atcatttaac atcagtgtaa gatgcaatta aaatagatgg aagacaaga 839

```

```

<210> 8333
<211> 2540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1635)
<223> similar to gi505029 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<220>
 <221> misc_feature
 <222> (329)...(2996)
 <223> similar to gi4240297 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8334

atccagttca	cgcagtcgtc	attccagtat	ctcacctgtc	aggcttccac	ttaattccag	60
tctgggagct	gaactcagta	ggaaaaagaa	ggaaagagca	gctgctgctg	ctgcagcaaa	120
gatggatgga	aaggagtcca	gctacgaaaag	aagtggctct	tacagcgggc	gacgcccag	180
tccctatggt	cgaaggcgg	ccagcagccc	tttctgagc	aagcgggtctc	tgagtcggag	240
tccactcccc	agtaggaaat	ccatgaagtc	cagaagtaga	agtcctgcat	attcaagaca	300
ttcatcttct	catagtaaaa	agaagagatc	cagttcacgc	agtcgtcatt	ccagtatctc	360
acctgtcagg	cttccactta	attccagtct	gggagctgaa	ctcagtagga	aaaagaagga	420
aagagcagct	gctgctgctg	cagcaaagat	ggatggaaaag	gagtcgaagg	gttcacctgt	480
atTTTTgcct	agaaaagaga	acagttcagt	agaggctaag	gattcagggt	tggagtctaa	540
aaagttaccc	agaagtgtaa	aattggaaaa	atctgcccc	gatactgaac	tggatgaatgt	600
aacacatcta	aacacagagg	taaaaaattc	ttcagataca	gggaaagtaa	agttggatga	660
gaactccgag	aagcatcttg	ttaaagattt	gaaagcacag	ggaacaagag	actctaaacc	720
catagcactg	aaagaggaga	ttgttactcc	aaaggagaca	gaaacatcag	aaaaggagac	780
ccctccacct	cttcccacaa	ttgtttctcc	cccaccccct	ctaccaacta	ctaccccctcc	840
acctcagaca	ccccctttgc	cacctttgcc	tccaatacca	gctcttccac	agcaaccacc	900
tctgcctcct	tctcagccag	catttagtca	ggttcctgct	tccagtactt	caactttgcc	960
cccttctact	cactcaaaga	catctgctgt	gtcctctcag	gcaaattctc	agccccctgt	1020
acagggtttct	gtgaagactc	aagtatctgt	aacagctgct	attccacacc	tgaaaacttc	1080
aacgttgctt	cctttgcccc	tcccaccctt	attacctgga	gatgatgaca	tggatagtcc	1140
aaaagaaact	cttccctcaa	aacctgtgaa	gaaagagaag	gaacagagga	cacgtcactt	1200
actcacagac	cttccctctc	ctccagagct	ccctggtgga	gatctgtctc	ccccagactc	1260
tccagaacca	aaggcaatca	caccacctca	gcaaccatat	aaaaagagac	caaaaatttg	1320
ttgtcctcgt	tatggagaaa	gaagacaaac	agaaagcgac	tgggggaaac	gctgtgtgga	1380
caagtttgac	attattggga	ttattggaga	aggaacctat	ggccaagtat	ataaagccaa	1440
ggacaaagac	acaggagaac	tagtggtctt	gaagaagggtg	agactagaca	atgagaaaga	1500
gggcttccca	atcacagcca	ttcgtgaaat	caaaatcctt	cgtcagttaa	tccaccgaag	1560
tgttggttaac	atgaaggaaa	ttgtcacaga	taaacaagat	gcactggatt	tcaagaagga	1620
caaagggtgcc	ttttaccttg	tatttgagta	tatggaccat	gacttaatgg	gactgctaga	1680
atctgggttg	gtgcactttt	ctgaggacca	tatcaagtctg	ttcatgaaac	agctaattgga	1740
aggattggaa	tactgtcaca	aaaagaattt	cctgcatcgg	gatattaagt	gttctaactat	1800
tttgctgaat	aacagtgggc	aaatcaaact	agcagatttt	ggacttgctc	ggctctataa	1860
ctctgaagag	agtcgccctt	acacaaacaa	agtcattact	ttgtggtacc	gacctccaaa	1920
actactgcta	ggagaggaac	gttacacacc	agccatagat	gtttggagct	gtggatgtat	1980
tcttggggaa	ctattcacia	agaagcctat	ttttcaagcc	aatctggaac	tggctcagct	2040
agaactgatc	agccgacttt	gtggtagccc	ttgtccagct	gtgtggcctg	atgttatcaa	2100
actgccctac	ttcaacacca	tgaaaccgaa	gaagcaatat	cgaaggcgtc	tacgagaaga	2160
attctctttc	attcctttctg	cagcacttga	tttattggac	cacatgctga	cactagatcc	2220
tagtaagcgg	tgcacagctg	aacagaccct	acagagcgac	ttccttaaag	atgtcgaaact	2280
cagcaaaatg	gctcctccag	acctccccca	ctggcaggat	tgccatgagt	tgtggagtaa	2340
gaaacggcga	cgtcagcgac	aaagtgggtg	tgtagtcgaa	gagccacctc	catccaaaac	2400
ttctcgaaaa	gaaactacct	cagggacaag	tactgagcct	gtgaagaaca	gcagcccagc	2460
accacctcag	cctgctcctg	gcaagggtgga	gtctggggct	ggggatgcaa	taggccttgc	2520
tgacatcaca	caacagctga	atcaaagtga	attggcagtg	ttattaaacc	tgctgcagag	2580
ccaaaccgac	ctgagcatcc	ctcaaattggc	acagctgctt	aacatccact	ccaaccaga	2640
gatgcagcag	cagctggaag	ccctgaacca	atccatcagt	gccctgacgg	aagctacttc	2700
ccagcagcag	gactcagaga	ccatggcccc	agaggagtct	ttgaaggaag	caccctctgc	2760

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cccagtgatc ctgccttcag cagaacagac gacccttgaa gcttcaagca caccagctga 2820
catgcagaat atattggcag ttctcttgag tcagctgatg aaaacccaag agccagcagg 2880
cagtctggag gaaaacaaca gtgacaagaa cagtgggcca caggggcccc gaagaactcc 2940
cacaatgcca caggaggagg cagcaggtag gagcaacggt gggaatgccc tctgaggaat 3000
gcagtgatgt ccatcagtca cctctcacc cagagcctggc aaattcagtc tctttcacag 3060
aacctaaagc caagccagggt tcagtgggaa atcccacctg tccaaacact gtgtgagaca 3120
ccagaattag aggccctgca gcttgcttcc ttcaccccca atgccagat gggacagggtc 3180
accagcctcc tgtgtctacc cccaccttcc ttgcttgctg gctcctctc tctgcagtgc 3240
ctctctcatc cctgcaatcc agacagcaca tgcagcagct catatgtgaa aaacaagacc 3300
cagagagggg aatcattttg aatcctgtcc tgggattgct ttgtgttcct ggatttgagg 3360
aatttctggg aacacaggag aaggaat 3387

```

```

<210> 8335
<211> 1084
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1085)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (753)...(347)
<223> similar to gi2827474 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8335
ccagcaccat cccctatacg gaagggctgt gatgagcctg gagcctcttg ccttcacctg 60
totacaccta tccagtgeta ttctctttct ctgggcacag cctcccaggc tgctgctcct 120
cctcctgtaa aatgggcaca gtattatgtg ccttgtgttt tctccgattc agcagccttt 180
ccgcagatta tctgtggccc ctggggaaaag gtgttggggt ctcaacactc cattatgggg 240
actgcggctg aggcctggct gcaggtctcc ctacacgctc cccagcgggtg agcccagcga 300
gacccagcag acggtcctgc ctccactctc ccagcactcc cctctgctta ctttgtctgc 360
agcggtgagg cgggtccaag gcttatctgc cctgcgggtc tagtctgag cgtcagccac 420
ctccacgtag tcaactgaagc ggatgaggat ctttctttcc cgaagctctt ccaccgtggg 480
cctttgactg agctttcggg ttagcctcct cttgatctct ctcttctcct cctgttctc 540
ttgttcatte cgaggtttca aaatgttctt ctgttccagt tcctctgcag ttggcctctg 600
gctcagccgc ctacggaaaa aatccaggaa aagtttttgg accatatcat agcctccttg 660
ggtcattaat ttctcgggcc cttgcagata catgagacag tcagtggctg gagttcttgt 720
tccatcctgt gctctgaaag actgactctc gccaccaccg cctcctcagt tcntcaattt 780
caagcccagg agaggcacgt gcgtcatgtc acagccgctg acccccggcc tcctccctgc 840
agcggccctt ccccagcccc atctcctcca gtggccccag gcaagtggac tgcaactcag 900
acgggactct tttcttcaca gaagtctttt tctttccttg tggcctccta acttggggac 960
tgtggcctct tgcctctctc tccctccctt gaggctaaag cctgtctcct gcctcttctg 1020
tgcagaccca gttagaacat aaagaggtct gtggccccgg ggacatgtga gagaatgtgt 1080
ctgt 1084

```

<210> 8336
 <211> 1871
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (303)...(1106)
 <223> similar to gi3877439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8336
 gcacgagctt cgttcgggca cttccagtac tctcattcac ttcctgtccc tttctttttac 60
 gtttccgaca aaacagtgtc tgtgggcagc tagaatcttc agtttctgtg agcgtccgct 120
 tcgtctgggc acttccggta ctcccattca gttccgggtcc ctgtctttta cgtttccggc 180
 aaaacatcag tgtctgtggg tagttggaat cttcagttcc tgtgagcgtc ggcgtcttct 240
 gggcctgtgg agtttcttgg acaggggccg cggggctcca ggacggcgcc cttagcgaca 300
 ccatggcccg aaatgcagaa aaggccatga cggccttagc aagatttcgc caggctcagc 360
 tggaagaggg aaaagtgaag gaacgaagac cctttctggc ctcaaaaaa gtggctcaga 480
 cttaaagctga gaagtggaga cgacagatca ttggagagat ctctaaaaa gtggctcaga 480
 ttcagaatgc tggtttaggt gaatttcgaa ttcgtgacct gaatgatgaa attaacaagc 540
 tgctaagggg gaaaggacac tgggaggtcc ggataaagga gctgggaggt cctgattatg 600
 gaaaagttgg ccctaaaatg ctggatcatg aaggaaaaga agtcccagga aaccgaggtt 660
 acaagtactt tggagcagca aaagatttgc ctggtgttag agagctgttt gaaaaagaac 720
 ctcttctctc tcccagaaag acacgtgctg agctcatgaa ggcaatcgat tttgagtact 780
 atggttacct agatgaagat gatggtgtta ttgtgccttt ggaacaggaa tatgaaaaga 840
 aactcagagc cgagtttagt gaaaagtggg aagcagagag agaggctcgg ctggcaagag 900
 gagaaaaggg agaggaggag gaagaggagg aagagatcaa catctatgca gtcaccgagg 960
 aggagtcgga cgaggaaggc agccaggaga aaggagggga cgacagccag cagaagttca 1020
 ttgctcacgt ccctgttccc tcgcagcaag agattgagga ggcactggtg cgaaggaaga 1080
 aaatggaact cctccagaag tatgcaagcg agaccctgca ggcccaaagt gaagaagcca 1140
 gaaggtcctt ggggtattag gacccagctg gggctctcct tggagttctt ccatccccca 1200
 gtggtacctc aggacccagg gctgcagaca caggctggtg ctgcaagggc tcctgccccca 1260
 ttctcagcct tccttccctc tccttgtctc atgttgaccg gagggtaggg gtctgtccct 1320
 ggtcttctct gtaggttttg tacacatatt ttgctactgt gtggatccat ttatttttat 1380
 tgtggagtgt atacaacagg ttgcgaactg gctgcctgtg tcttattttg acttgactg 1440
 ccattttgag gggagaagaa tcaattagtg gcaaactttt aaaaatgcaa ttttttgag 1500
 accaaagtat aattttaaaa aatgcaaatt ttctaaaaga cacatctctt gaaaaatgag 1560
 atgatgtggc caggcgagct ggctcacgcc tgtaacccca gcactttggg aggcgaggc 1620
 gggcgggtca cgaggtcaag agatggagac catcctggcc aacatggtga aaccccatgt 1680
 ctactaaaaa tacaaaaaaa ttagctgggc gtactggcat gcacctgtag tcccagctgc 1740
 ttgggaggct gaggcaggag aatcacttga acccgagagg tggaggttga agtgagccca 1800
 gatcgtggcc attgcactcc aagccttggg acaagtggga acctcttccc cccaaaaaaa 1860
 aaaaaaagtt t 1871

<210> 8337
 <211> 1376

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1377)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (372)...(575)
<223> similar to gi2276353 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8337

cctctgtcgc	cccagggcaa	gcagggtttac	ccagctgaga	agaagtctgt	gtcgtctgagt	60
gagacgggtgt	ttcgtcatgt	tgaccaggct	ggtctcaaac	tcctgacctc	gagtgatcac	120
ctgccttggc	ctcccaaagt	ggtgggatta	cagaggaaaa	gatgctagaa	ccacaggaga	180
atggcgtgat	tgacctacca	gattatgagc	atgtagaaga	tgaaactttt	cctcctttcc	240
cacctccagc	ctctccagag	agacaagatg	gtgaaggaac	tgagcctgat	gaagagtcag	300
gaaatggagc	acctgttcct	gtacctccaa	agagaacagt	taaaagaaat	atacccaagc	360
tggatgctca	gagattaatt	tcagagagag	gacttccagc	cttaaggcat	gtatttgata	420
aggcaaaatt	caaaggtaaa	ggtcatgagg	ctgaagactt	gaagatgcta	atcagacaca	480
tggagcactg	ggcacatagg	ctattcccta	aactgcagtt	tgaggatttt	attgacagag	540
ttgaatacct	gggaagttaa	aaggaagttc	agacctgttt	aaaacgaatt	cgacttgatc	600
tcctatttt	acatgaagat	tttgttagca	ataatgatga	agttgcggag	aataatgaac	660
atgatgtcac	ttctactgaa	ttagatccct	ttctgacaaa	cttatctgaa	agtgagatgt	720
ttgcttctga	gttaagtata	agcctaacag	aagagcaaca	acaaagaatt	gagagaaata	780
aacaactggc	cttggaagaa	aggcaggcaa	agctgcctna	gtaatagtca	gacccttggg	840
aaatggatat	ggttaatgaa	ttacacccag	ggcacaccac	ggttgaagag	gttaatactg	900
atgaggatca	aaaggaggag	tcaaatggat	taaacgaaga	cattctggac	aatccatgta	960
atgatgctat	tgccaatact	ttaaatagaag	aggaaacact	gctggaccag	tcttttaaaa	1020
atgtgcaaca	gcaacttgat	gctacatcca	gaaatattac	tgaagctaga	taagtttcca	1080
ttaagagaaa	atgtatctgt	taagtcacatg	tcctgcaagc	ttggcgttac	tatgtatttt	1140
ttcttcttgg	agtgaataatc	cttagatagt	aaaactgtta	tagattattg	tttaaaatct	1200
gataatctgg	tatttatatta	taattatgct	tgtcacttta	gttaaatacta	tttgttctct	1260
ttagtgtttg	tttttatata	ggtatttctt	cataaaatga	ttaggaggta	ataagcagtt	1320
tctgctgctg	gtctgtcatt	gaatgccttg	ttttcactaa	gttgggaggt	ttgggtt	1376

<210> 8338
<211> 1464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (72)...(1218)
<223> similar to gi3805813 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8338
ctccgagctt cttaaacaca ggccttgggc ctacggctct ggggggtactt gggggggcg 60
gggcaggtct gatgagtaac ccctccccc aggttccaga ggaagaagcc tccacatctg 120
tctgccggcc caagagttcc atggcctcca cttcccgcg ccaacgccga gaacgtcgct 180
ttcgtcgta cttgtctgca ggacggctgg tccgggccc ggcctcctc cagcgacacc 240
caggcctcga tgtagatgct gggcagcccc caccactgca ccgggcctgt gcccgccacg 300
atgccccctg cctgtgcctg ctgcttcggc tcggggctga cctgcccac caggaccgcc 360
atggggacac ggcactgcat gctgctgccc gccagggccc agatgcctac accgatttct 420
tcctcccgtc gctaagccgc tgtccctccg ccatgggaat aaagaataag gatggggaga 480
cccctggcca aattttgggc tggggacccc cctgggattc tgctgaagag gaggaagaag 540
atgatgcctc caaggagcgg gaatggagac agaagctcca gggtgagctg gaggacgagt 600
ggcaggaagt catggggagg tttgaagggt atgcctcca tgaaaccag gaacctgagt 660
ccttctcagc ctggtcagat cgcctggccc gggaacatgc ccagaagtgc cagcagcagc 720
agcgagaagc agagggatcc tgtcgacccc cacgtgctga gggctccagc cagagctggc 780
gacagcagga ggaggagcag cggctcttca gggagcgagc ccgggccaa gaggaagagc 840
tgcgtgagag ccgagccagg agggcgagc aggtcttagg ggaccgagaa cccaagccaa 900
ccagggccgg gccccaggga gagcacccca gagggagcgg gaggggcagc ctctggcgat 960
ttggtgatgt gccctggccc tgccctgggg gaggggaccc agaggccatg gctgcagccc 1020
tggtggccag gggccccctc ttggaggaac agggggctct gaggaggtac ttgaggggtc 1080
agcaggtccg ctggcaccct gaccgcttcc tgcagcgatt ccgaagccag attgagacct 1140
gggagctggg ccgtgtgatg ggagcagtga cagcccttcc tcaggccctg aatcgccatg 1200
cagaggccct caagtgacct tagggaagaa gcaagaaact tcggggctgc agcctcagga 1260
tgaggcagaa ggaagggtaa gggaaaggat ggggaccaca aggaagagcc aggtgctgct 1320
cagcagagga tatgggtggg agcgaaagtt gtaacaagtg ggggtggggg gtgcgggccg 1380
ccaccactgc tccttgactc tgccgtttcc taataagacc tggttccaca tctcaaaaaa 1440
aaaaaataa agtcatttaa ccac 1464

```

```

<210> 8339
<211> 2648
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (123)...(1544)
<223> similar to gi3687833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8339
cggtcgacga tttcgtggcc cgggtccctg aggcctgaga gaggcgaagt ggggcccttc 60
tgggcggggc accagactga ctcccgcgcc acttgctcgc gcaggacgag gcggtggcgc 120
gcgatgtgca gcggttgcta gtgcagttcc aggatgaggg cgggcagctg ctgggttccc 180
cgttcgacgt gcccggtggac atcaccocgg acaggctgca gctcgtgtgc aacgcgctac 240
tgccccagga ggatcccctg ccactggctt tctttgtcca cgatgctgag atcgtctcct 300
cactggggaa gacgttgag tcccaggcag tggagacaga gaaggtccta gacatcatct 360
accagccaca ggctatcttc agagtccggg ctgtgactcg ctgcaccagc tccttgaggg 420
gtcacagtga ggcagtcatt tctgtggcct tcagccctac gggaaagtac ctggccagtg 480

```

gctctggaga	caccaccgtg	cgcttctggg	atctcagcac	agagacacca	catttcacat	540
gcaagggaca	cagacactgg	gtccttagta	tatcctgggc	tccagatggc	aagaagctgg	600
cctcaggctg	caagaatggc	cagattctcc	tctgggaccc	aagcacaggg	aagcaggtgg	660
gcaggacct	cgctggccac	agcaagtgga	tcacaggcct	gagctgggag	cccctccatg	720
cgaaccctga	gtgccgctat	gtggccagca	gctccaagga	tggcagtgtg	cggatctggg	780
acacaactgc	aggccgctgt	gagcgcattc	tcaccgggca	caccagtcg	gtcacctgtc	840
tccggtgggg	aggggacggg	cttctctact	ctgcctccca	ggaccgcacc	atcaaagtct	900
ggagagctca	tgacggtgtg	ctgtgccgga	ctctgcaagg	ccacggccac	tgggtgaaca	960
ccatggccct	cagcactgac	tatgccttgc	gcactggggc	ctttgaacct	gctgaggcct	1020
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gatacaacct	cgtgcggggc	caggggtccag	agaggctggt	gtctggctcc	gacgacttca	1140
ccttattcct	gtggtcccca	gcagaggaca	aaaagcctct	cactcggatg	acaggacacc	1200
aagctctcat	caaccaggtg	ctcttctctc	ctgactcccg	catcgtggct	agtgcctcct	1260
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tgcccggcca	cgcggtagag	gtatatgctg	ttgactggag	tccagatggc	cagagagtgg	1500
caagtgggtg	gaaggacaaa	tcgctccgga	tatggaggag	atgacacggc	ccgaagtctt	1560
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tgtcctcgat	agaccggaat	gggggttttc	cacagatccc	cgctgtggc	acaccccaga	1740
gccagaaatc	gaaggtcaca	ggaagttgtc	actgaacttg	gcccgtgtct	gtactctgt	1800
accttgctgg	tacagacagg	ggtggtgggc	agccaggctc	tatgagtggg	cccctagtgt	1860
cagctctgta	cagggtcaga	tcccaggttc	tatgaccaa	taagtaactt	aagttttgtg	1920
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gagattgtcc	agccccgcc	cttgcactgg	actacgcaa	aaccacactg	accaggcact	2040
tgcttccct	ctcttcccc	gtgttggtaa	gagagaggcc	agttgtgata	gtggccaagg	2100
agaatctagg	gctgtattgt	tgtccactgc	agtaggcacc	ggccacatgt	gactgctggc	2160
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gccacgagaa	ctttcaagca	gtgaaaggaa	ttcccatcag	gactcagacc	ccaggccgag	2520
atcttgccct	gaatgtaccc	tgcctctgct	ttctcctgca	tcccatgcta	agcaggttca	2580
tggctgaac	tactcagatt	ggatttccaa	accatccttg	tataaactgc	tcagaactaa	2640
aaaaaaaa						2648

<400> 8340

```

ccggagcccc aggcgctggt ggggcagaaa cgcggcgccc tgcgtcttct ggttgcgagg      60
ctggtcctca ccgtttccgc tccggcgga gtaggagga gggtccttcg acccgtgctg      120
agctggatgg accgcgagac gcgcgccttc gccacagcc acttccgagg cctggggggtc      180
gatgtccccg gcgtcgcca ggctccgggc cgggtagcct tcgtctcga gccgggcgcc      240
ttctcctacg ccgactttgt gcggggcttc ttgctgcca acctgccctg cgtgttttcc      300
agcgccttca cgcagggtcg gggcagccgg cggcgctggg tgacgcccgc ggggaggccc      360
gacttcgacc acctgctacg gacctacgga gacgtggttg taccagttgc aaactgtggg      420
gtccaggaat acaactcgaa ccccaaagag cacatgactc tcagagacta catcacctac      480
tggaagagt acatacaggc gggctactcc tctcccaggg gctgtctcta cctcaaagac      540
tggcacttgt gcagggactt tccggtggag gacgttttca ccctgcctgt gtactttctc      600
tccgactggc tgaatgagtt ctgggatgca ctggatgtgg atgactaccg ctttgtctac      660
gcggggcctg cgggcagctg gtccccgttc catgctgaca tcttcgcctc cttcagctgg      720
tctgtcaatg tctgtgggag gaagaagtgg ctctcttcc cccagggca ggaagaggcc      780
ctgcgggacc gccacggcaa cctgccctac gacgtgacct cccagcact ctgcgacaca      840
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gagatggtgt ttgtgcccag tggctggcac caccaggtgc acaacctggt aatgtgctgc      960
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cccaggtcat catgaggtcc tgctcgggca tcaactttga agagttttac cacttctca     1740
aggtcatcgc tgagaagagg ctccctggtc tgaggggagg agccgctgag gacggtgctg     1800
ggttgggttt cgaacaggca gcctttgatg ttgggcgcat cacagaggtg ctggcctcct     1860
tggttgcgca                                     1870

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<210> 8341
<211> 1221
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1002)...(537)
<223> similar to gi4929266 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 8341
ttccttctgc atagcgtttt atggttcttc actctctcag tttcaggcag gaagactcat      60
cctgagctga gctgcttttc ttgaagttgt gcaagaacgt cctggttggt ggggcaaatt     120
cagtatttct tttcctggcc actgtgctgg agcgtgagga aagactctcc accctcactc     180
ccagatcctg caggaggcgt gagagcggat ggagatggtg aggatgtcta ttaatatggt     240
gtttcctgca aaacggtgcc catctcaacc atgggttgct aaccatcctc ggtgtctaca     300

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cagtcgtggg	ggcagtagga	gccaaggact	gggctggggg	ctttcttgac	ctgaaggcag	1320
acctgcagga	tgacacattt	attgggaatg	aaccattgac	accagaagtg	agagcaggct	1380
atttgggtta	caccgtgacc	tggctgccct	cccggcaaaa	gacttcgttg	ctggcctcgg	1440
gagccccctg	ataccagcac	atggggccgag	tgctgctgtt	ccaagagcca	cagggcggag	1500
gacactggag	ccaggtccag	acaatccatg	ggacccagat	tggctcttat	ttcgggtggg	1560
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aagccatcac	tgctctgaca	gacatcaacg	gcgatgggct	ggtagacgtg	gctgtggggg	1800
ccccctcggg	ggagcagggg	gctgtgtaca	tcttcaatgg	gaggcacggg	gggcttagtc	1860
cccagccaag	tcagcggata	gaagggaccc	aagtgtctct	aggaattcag	tggtttggac	1920
gctccatcca	tggggtgaag	gaccttgaag	gggatggctt	ggcagatgtg	gctgtggggg	1980
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ccagcatgtc	atgcactgac	ttctcatttc	atttcccggg	atgtgttcaa	gacctcatct	2340
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aagtgagggc	ttgtcattac	cagacggttc	accagcctct	cttgggtttcc	ttccttgga	3960
gagaatgtct	gatctaaatg	tggagaaaact	gtagtctcag	gacctaggga	tgttctggcc	4020
ctcacccctg	ccctgggatg	tccacagatg	cctccacccc	ccagaacctg	tccttgcaaca	4080
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cagcacccctg	caaaatgaga	ccctcgtggc	cttccccagc	ctcttctaga	gccgtgatgc	4260
ctccctgttg	aagctctggg	gacaccagcc	tttctcccag	gccaggctcc	ttcctgtctt	4320
cctgcattca	cccagacagc	tcctctctgc	tgaaccttcc	atctcgccca	cccctccttc	4380
cttgaccagc	agatcccagc	tcacgtcaca	cacttggttg	ggtcctcaca	tctttcacac	4440
ttccaccacc	ctgcactact	ccctcaaagc	acacgtcatg	tttcttcatc	cggcagcctg	4500
gatgtttttt	ccctgtttta	tgattgacgt	acttagcagc	tatctctcag	tgaactgtga	4560
gggtaaaggc	tatacttgtc	ttgttcacct	tgggatgacg	ccgcatgata	tgtcagggcg	4620
tgggacatct	agtaggtgct	tgacataatt	tcactgaatt	aatgacagag	ccagtgggaa	4680

gatacagaaa	aagaggggccc	gggctgggccc	cggtgggttca	cgctgtaat	cccagcactt	4740
tgggaggcca	aggaggggtgg	atcacctgag	gtcaggagtt	agaggccagc	ctggcgaaac	4800
cccatctcta	ctaaaaatac	aaaatccagg	cgtgggtggca	cacacctgta	gtcccagcta	4860
ctcaggaggt	tgaggtagga	gaattgcttg	aacctgggag	gtggaggttg	cagttagcca	4920
agattgcgcc	attgcaactcc	agcctgggca	acacagcgag	actccgtctc	aaggaaaaaa	4980
taaaaataaa	aagcgggcac	gggcccggac	atccccaccc	ttggaggctg	tcttctcagg	5040
ctctgccctg	ccctagctcc	acaccctctc	ccaggaccca	tcacgcctgt	gcagtggccc	5100
ccacagaaag	actgagctca	aggtgggaac	cacgtctgct	aacttggagc	cccagtgcc	5160
agcacagtgc	ctgcatgtat	ttatccaata	aatgtgaaat	tctgtcc		5207

<210> 8343
 <211> 2407
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2245)...(990)
 <223> similar to gi405192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8343	
tttttttttt	ttgcctttttg
atgtacacag	acacaagggt
ggatgggagt	agctataatt
agagtagcag	cctccctcca
acaagtatac	aaaggaagat
cctgaaagcc	cctaaatgcc
tcactctgag	gcctcctggc
ctacagtagg	tctggcctca
acgtccatgc	tatctcccag
aaactcagtc	ctcttgattc
ggtacaggaa	aaggagagag
gggagaaatt	gaggaatcac
tacacatgga	gaaacaggta
tttgctcagc	agagtccatt
aggggtggccc	caatttcctc
aatggagaaa	tggggccatg
aggcagtata	ctgtgccact
aaacactggg	aggcaagggt
gcccccaagg	gaactgctcc
gcagcagcag	cagcagtgtc
agctgaaaac	gtccacctgc
atgtctgtgc	caccatccag
agctcaaacc	cattcaactg
atgaaacat	aacctttaga
atttttacca	agggctcaaa
gaaccacat	agaggcgcat
gccagtcggt	ttttctctgc
tgcccagtca	gcccattggc
ttttatatat	atatatatgt
gtgagaagg	ctcacacatg
agggccacag	agaggcacac
gggaggaaat	gggaggaagg
actccacctt	ttactaaatt
acacctcctg	gcaggacaga
ctcctagcaa	gatgctgagg
tgaggctggc	ttctcaatgc
caccttcaag	gttcacccac
ttgacagact	aaagggtaaa
ccatatggcc	ttcccaatgg
gaaggtaatc	tcagagacga
tggtctcttc	aactgggtggc
gagcttttct	tggtatctta
caggatggct	tggtccacaa
caggatccag	aggcacaagg
taaagaggct	ggagagctgc
tcagagctgc	tggattcagg
cctgggcggc	ggcggcggca
cttctgccag	ttttgccatg
gggtcccatc	aggaaaagtg
ccctcatagg	tcgaccagca
actcagaatc	agagaacgtg
tcatacaggac	aatattatca
cagtgtatatt	gaagtgcagg
gcagggttgtt	ggccatggct
taggcactcc	cagcaaccgc
cacagaattc	cacgtaggca

atgcccttag	aacgacgtga	gttccgatct	gaaatgatac	gtacatcgcg	aaccttgccct	1740
acagcagaga	aaaagtccctc	cagatctcga	ggccgaattc	gggcagctaa	ctgcatacag	1800
aaaactgtgc	gggcatcacg	ctcctcagga	ctcagattat	caactggctc	cctgactggg	1860
ctcttctctc	tgaaatgagg	actcttactg	tgtccatata	tataaccagt	ggcaagtgga	1920
ggactcctgt	aatgcacacg	atcctcacga	cgatgggtccc	gacttcgcga	ctcactacca	1980
tgtcgacgat	cccagctacg	gctacgggtga	cgacactgcc	gacctggact	tcgggtccga	2040
ctatttctcc	gtctataccg	atcccgatct	cgactacgat	tgcttgtctc	cccgatgggtg	2100
ctgcttccac	tgggtctcatt	gccactgttg	ctgggtgctgc	tgggtgggtatt	gctaggataa	2160
tccttttttaa	cttcttttctc	ttgttgctca	tcctcttctt	ttttataggg	agcttccagc	2220
atggcctcaa	tcactatgtc	aaagtcacat	gatgccatcc	tgtcagatca	gttccgggtc	2280
ccgcaggggg	ggtcccggtt	ctctccgttc	ctttgagtat	gttgtgggga	gtggagctcg	2340
gatagttcct	agagtctagg	caagaaaagc	agcactgcag	gtacagcgcc	tcctcttccc	2400
gcaaaat						2407

<210> 8344
 <211> 4120
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (252)...(1897)
 <223> similar to gi3327192 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8344						
acgcctcgaa	gaatccgcta	tcggctgtct	gcacaaccgg	aatcatgtcg	agtttggcgg	60
tgagagaccc	ggcaatggat	cgatcactgc	gttccgtgtt	cgtggggaac	attccatatg	120
aggcaactga	ggagcagtta	aaggacattt	tctcggaggt	tggttctgtt	gtcagtttcc	180
ggctgggtata	cgatagagag	acgggaaaaa	ccaagggcta	tggcttctgc	gaataccaag	240
accaggagac	cgcgcttagt	gccatgcgga	acctcaatgg	gcgggagttc	agtgggagag	300
cgcttcgggt	ggacaatgct	gccagtgaag	agaataagga	ggagttaaag	agccttgggc	360
ctgcagcgcc	cattattgac	tcaccctatg	gggatcccat	cgatccagaa	gatgcccctg	420
aatcgattac	cagagcagta	gccagtctcc	ccccggagca	gatgtttgag	ctgatgaagc	480
agatgaagct	ctgtgtccaa	aacagccacc	aggaagctcg	aaacatgtta	cttcaaaatc	540
cacaactggc	ttatgcactg	ttgcaggcac	aagttagtgc	gagaatcatg	gatccagaga	600
ttgctctgaa	aattctgcat	cggaagatac	atgtcacacc	actgatccca	ggcaaatctc	660
agtctgtgtc	tgtctctggc	cctggccctg	gccctggccc	tgggctctgc	ccaggacctc	720
atgttctgct	gaaccagcag	aatcctccag	ctcctcagcc	tcagcatttg	gctagaagac	780
ctgtgaagga	cattcctcct	ctgatgcaga	ctcctatcca	gggtggaatt	ccagctccag	840
ggccaatacc	agctgcagtt	cccggagctg	gtcctgggtc	cttaactcct	ggaggagcaa	900
tgacagccca	acttggaaatg	ccaggggttg	gccagtgcc	tttagagcgg	ggacaagtgc	960
agatgtcaga	tcctagagct	cctatacctc	gcggaccctg	gactcctggg	ggtctgcctc	1020
ctcgaggact	gttaggagat	gtcctcaaat	acccacgtgg	agggactttg	ctttcagtc	1080
ctggagaagt	ggagcccgag	ggttatctgg	gtccacccca	tcagggtccc	cccatgcata	1140
atgcctctgg	tcatgacact	cgtggccctt	cctcacatga	gatgagggga	gggccattag	1200
gagatccag	actgctaatt	ggagagccca	gaggcccat	gatagatcaa	aggggtctac	1260
ctatggatgg	tagaggtggg	agagattctc	gagcgatgga	gactcgtgcc	atggaaactg	1320
aggtcttaga	gacacgtgta	atggagagga	gaggaatgga	gacctgtgcg	atggaaacca	1380
gagggatgga	agcaaggggc	atggatgcaa	gaggattgga	gatgaggggc	cctgtcccca	1440

gttcaagagg	ccctatgact	ggtggaattc	agggctcctgg	tcccattaat	ataggggcag	1500
gtggccctcc	tcagggaccc	agacagggtcc	caggcatttc	aggggtgggg	aatcctggag	1560
ctggtatgca	gggtacaggc	atacaaggaa	caggcatgca	gggagcaggc	atacaaggag	1620
gagggatgca	gggggcaggc	atacaaggag	tcagtataca	aggaggaggt	atacaaggag	1680
gaggtataca	gggggcaagc	aagcaagggtg	gaagccagcc	tagcagtttt	agtcctgggc	1740
agagccaggt	cactccacag	gatcaggaga	aggcagcttt	gatcatgcag	gttcttcaac	1800
tgactgcaga	tcagattgcc	atgctgcccc	ctgagcaaag	gcagagtatc	ctgattttta	1860
aggaacaaat	ccagaaatcc	actggagcgt	cttgaaaggt	tttagaaaat	atttggtctgt	1920
agtcctcaa	tttattctgt	agcatggaga	atgggtgcaa	aaagctgact	tctgtatccc	1980
cacacttgga	ttagggtttc	cctcctccta	gaacctaatc	ttattttttg	ttctttttct	2040
ttctttctgt	tttctttttt	tttttaattg	aggggtggggg	gaggagggag	tgcgctctgtt	2100
cactttaagt	tactttaaaa	taactctgaa	catgattata	ttatgccaaa	taagattaca	2160
aagaataagc	agcaatattg	aagcatctac	agtatgttaa	ctacattttt	taaatgtcga	2220
gtaaaacttc	gtgaaaactg	ctcataaaga	ctaaaagttg	acctgttaaa	acgttaatgt	2280
actaagatag	ttttaagatt	tttggttgta	taacaaaata	aaagtttacc	caaaagtata	2340
agatacattt	tttggttaa	catttaaaat	acaaaatcct	attttggagg	caataggata	2400
agcattgtct	tagtgtttta	gaattatttt	tgaaacagag	ttaacaggat	aaggttacac	2460
ttgtattaga	attgtttttt	tctaaagtta	tgttacctga	aaaatcaagg	agtgcacctg	2520
atttactgtt	gcttcattta	tcccatcctt	cagagaccag	caaggttctg	ccaggcccca	2580
agcatctgag	catgatgatt	ttgctgtgac	aattctaaga	tcaaccagg	tacttaagtc	2640
cgctctgatg	aaaccagtc	tctcaatacc	ttcctatttc	tcaatagtct	ttaagcccta	2700
aatctgagtc	agtaattctc	taaaaaatcct	tcccaaaaat	cagtgtctag	ggactgggtg	2760
atctagatga	gttataaatg	gtatttgact	tttcataagt	agtggaaggt	ttcactaagt	2820
aaagatctga	gtttcttggt	atctgacgtt	tgtatacaga	tggtgtccat	ttgctcaacc	2880
agacaggagt	taacttgtat	tagaattggt	ttttctaaag	ttatgttacc	tgagaaatta	2940
aggactgcac	ctggttta	gttgcttcac	ttatcccacc	ctacagagac	cagcaagggt	3000
ctgccaggcc	tcgagcatcc	aagcatgatt	ttgctgtgac	aaatctaata	tcaaccaggc	3060
tacttaagtc	tgctctgatg	aaacccaata	atctctcaat	accttcctat	ttctcaatag	3120
tctttaaa	ctaaatctga	gtcagtaatt	ctcttacatc	cttcccaaaa	atcagtgtct	3180
agggactagt	tgatctggat	gagttataca	tgatatttga	cttttcataa	gtagtgggaag	3240
gtttcactaa	gtaaaaactct	cagtttcttg	gtatctggct	ttcttataca	gatggtgtcc	3300
atttgctcca	ccagacagga	gttaaaaacc	tttaaagagc	atttaacatg	ccttttagtt	3360
ttcttatttc	ataatctact	tttctatcat	taatcatctt	accaggaata	atcaaggccc	3420
aggtaggtag	aagtttttat	atagcctgaa	tactcacttg	acttactgct	cattttactt	3480
tttgcatgga	atacagccat	ttagtcctaa	tatacatacc	aatgagacaa	ttaaaaattg	3540
gttggaagat	ggagcttata	acattgtgct	actacgactt	tattttttct	tgaaaaataaa	3600
gccttgagga	tgtgaacata	aatgtttggt	tcataaaaaca	agtagtaata	aaagcataaa	3660
ttatcaaata	tcaggtgatc	ttactatgga	gaagaaaaac	caatatctag	ttacagatga	3720
aaaaatgttt	aatacaaaga	gctgaaaatg	tagaaattga	gttatcttcc	ctttgcaaaa	3780
tttttacact	ttaaattagt	aattctttgt	ttgcaagggt	ttcatcccta	tgctgttggt	3840
ttctactacc	tgttttactc	ttgttcatac	tgctactttc	cccatgtttc	cctatatgcc	3900
ctcccctata	ttggagagga	taactcgctg	ttacatatgt	gatagttatg	cttaatacta	3960
attcacagag	ttggctcgat	catttttgaga	ttctagttgc	tttatctcaa	agctttcact	4020
gaagggtgtg	aactgaaaat	tattaaatgt	tagtctttag	tcaaatctct	gcattgtttc	4080
atgcagaaaa	taaagataca	attaaggctg	aaaaaaaaaa			4120

<210> 8345
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (780)...(283)
 <223> similar to gi2546964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8345
 tttttttttt tggcttttgaa tgctctatatt tgccttaaaa atttattttac tagtctcagt 60
 aatacattag taaaaatcat gtcacttaat taattgtgtt agaatcaaag aaacatagag 120
 ttcgggcaat atacttcac ctaacctatcc caccctaatc ttactctact catctcattc 180
 tcattaattt tgggaaatca tcagaagatg tggttcgttg gtaagagatt aaaaagaaat 240
 aagctttttg acccctggcc aacaccccat gccaggggtg gtcacccctcc aatacaataa 300
 catgccagga agagtaagtt gccctttctg atgccgtaat ctgccatcat cttcccatct 360
 tccagtctct ttccattgca agtcacaatc tgggtctcag ggattataacc cgtcttagtc 420
 tcgatcattg ctttcacttg tgccactgag ctggaccttc gcacctggag gaggtgcctc 480
 ttgacctcat cacctgactc cacaagaaac aagggcagct cctcatcact gggcttcacc 540
 actttcaggg taaggtggat ggtcttctct ttgtcaatgc cataagatga gaggtctctc 600
 cgtggcttta agatcttgga gccagcaaaa agaacctggt cctgcacagg aaccttggtc 660
 ttagaccgga catgttcttt gatttttttc acgctgtcat atgggttggc atcaaaggtc 720
 attaaatccc attcctcgga acggacatgc acacagaggc aggaagcatt gggagccatc 780
 tctgcagaca aggggcc 797

<210> 8346
 <211> 1845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (113)...(1313)
 <223> similar to gi5457171 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8346
 gtttaaata tacaacttaa ttttattagg acagacgctg gcggccacca gaagtttgag 60
 cctcttttgt agcaggaggc tggagaaaag gacagaagta gctctggctg tgatggggat 120
 ctactgggc ctgctactcc tggggcacct aacagtggac acttatggcc gtcccatcct 180
 ggaagtgcc gagagtgtaa caggaccttg gaaaggggat gtgaatcttc cctgcaccta 240
 tgacccccct caaggctaca ccaagtctt ggtgaagtgg ctggtacaac gtggctcaga 300
 cctgtcacc atctttctac gtgactcttc tggagaccat atccagcagg caaagtacca 360
 gggccgcctg catgtgagcc acaaggttcc aggagatgta tccctccaat tgagcacctc 420
 ggagatggat gaccggagcc actacacgtg tgaagtcacc tggcagactc ctgatggcaa 480
 ccaagtctgt agagataaga ttactgagct cctgtgtccag aaactctctg tctccaagcc 540
 cacagtgaca actggcagcg gttatggctt cacgggtgcc cagggaatga ggattagcct 600
 tcaatgccag gctcgggggt ctccctccat cagttatatt tgggtataagc aacagactaa 660
 taaccaggaa cccatcaaag tagcaacct aagtacctta ctcttcaagc ctgcggtgat 720
 agccgactca ggctcctatt tctgcaactgc caagggccag gttggctctg agcagcacag 780
 cgacattgtg aagtttgttg tcaaagactc ctcaaagcta ctcaagacca agactgaggc 840
 acctacaacc atgacatacc ccttgaaaag aacatctaca gtgaagcagt cctgggactg 900

SECRET

<211> 2238

<213> Home

 $\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (467) \dots (1478)$$

<223> similar to gi3875131 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

cctgcacctt	cgccccgcgt	acctactcct	gccccgcctt	gccattcctc	tccccctcct	60
tctctctgcg	acccctccct	gttaggcccc	agcctcttct	cccctcacag	gtcttctctg	120
tcttgccctc	accgccttat	cctattcctc	tcccttgccc	tgtgtcttgt	ctcagagccc	180
cctcggggtg	ggagtaggtt	gtggagcagc	acaactgggc	tcaccccaaa	gcagaacttc	240
tcaatccatg	aggacaatgg	ggaggccttt	aggccagccc	acatgtgaca	atggagggct	300
gcggttctct	tgcggagagc	acaagtgagc	tactgccc	ggactccagg	gaatcagagt	360
tctggccgcg	gggtgaccca	gtcctctg	taccatgaat	agggccctc	tgaagcgggc	420
cacgatcctg	cacatggcgc	tgaccggggc	ctcagacccc	tctgcagagg	cagaggccaa	480
cggggagaag	ccctttctgc	tgcggccatt	gcagatcgcg	ctgggtgtct	ccctctactg	540
ggtcacctcc	atctccatgg	tgttccctaa	taagtaacctg	ctggacagcc	cctccctgcg	600
gctggacacc	cccatcttcg	tcaccttcta	ccagtgcctg	gtgaccacgc	tgctgtgcaa	660
aggcctcagc	gctctggccg	cctgctgccc	tggtgcccgtg	gacttcccca	gcttgccct	720
ggacctcagg	gtggcccgca	gcgtcctgcc	cctgtcggtg	gtcttcatcg	gcatgatcac	780
cttcaataac	ctctgcctca	agtacgtcgg	tgtggccttc	tacaatgtgg	gccgctcact	840
caccaccgtc	ttcaacgtgc	tgctctccta	cctgctgctc	aagcagacca	cctccttcta	900
tgccctgctc	acctgcggta	tcatcatcgg	gggttctctg	cttggtgtgg	accaggaggg	960
ggcagaaggc	accctgtcgt	ggctgggcac	cgtcttcggc	gtgctggcta	gcctctgtgt	1020
ctcgctcaac	gccatctaca	ccacgaaggt	gctcccggcg	gtggacggca	gcatctggcg	1080
ctcgactttc	tacaacaacg	tcaacgcctg	catcctcttc	ctgcccctgc	tctgtgtgct	1140
cggggagctt	caggccctgc	gtgacttttg	ccagctgggc	agtgccact	tctgggggat	1200
gatgacgctg	ggcgccctgt	ttggcttttg	catcgqctac	qtgacaggac	tgcagatcaa	1260

gttcaccagt	ccgctgaccc	acaatgtgtc	gggcacggcc	aaggcctgtg	cccagacagt	1320
gctggccgtg	ctctactacg	aggagaccaa	gagcttcctc	tggaggacga	gcaacatgat	1380
ggtgctgggc	ggctcctccg	cctacacctg	ggtcaggggc	tgaggatga	agaagactcc	1440
ggaggagccc	agccccaag	acagcgagaa	gagcgccatg	ggggtgtgag	caccacaggc	1500
accctggatg	gccccggccc	ggggcccgtg	cacaggcggg	gccagcacag	tagtgaaggc	1560
ggtctcctgg	accccagaag	cgtgctgtgg	tgtggactgg	gtgctactta	tagacccaat	1620
cagaatacgg	tggttgagaa	ggaaccagtg	tttacaagta	atatcagaaa	gttgaaggaa	1680
ccagtgttta	caagtaatac	cagaaagttg	ccaaaccctt	ctctatcctc	tcgtatttct	1740
gagtttttgt	ccttcccag	ggagcacctt	agtgagagtt	gaaccccttc	cttctgcctc	1800
cagggcctgt	ctgcctccac	atcactctga	ggacagggac	aggcaacaac	cttgaaggga	1860
cagcaatggc	aaagccacaa	aggcttcaact	gtactcaggg	gagatggccc	taccacagcc	1920
acctggagag	ggttgggaag	ccttccgtct	gcggtgggca	ggcagcctca	ccctgggccc	1980
acagaccggc	cttccttttg	aggaaagtgt	ggcctggact	gagggaggaa	atgagcgagt	2040
tccctctgac	accagcagat	ccccaggggc	tgctgggcag	tggcctggga	atggggtgga	2100
ttgtgagaaa	gtgtcacca	tctatacacc	ctgtatgtcc	agcttttgaa	cacaagggaa	2160
ccatgcttct	ctttagaggt	ttaaagcagg	gtcatttaac	atcctcccc	agtcctaac	2220
atcacattgt	cctgcgtg					2238

<210> 8348
 <211> 1659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1660)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (619)...(1606)
 <223> similar to gi2342743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8348						
ctgagacggg	aagatagtct	tcaggaaaga	cacacaaagg	taacttgtgc	agagggagat	60
ggcaaattta	tancttctca	gaaaccaggt	aatgataagt	aaccaaggac	ttccacaaa	120
gtcagtccca	cgatgacgat	ggtcagccag	agtattgata	acctcttaga	atcatccaga	180
aacaagtcac	tcttcatctg	tccagcaaag	gcctgtcag	cgtggaggcc	tcagaacgtg	240
aggaaggagc	tgtccagcac	ggatgagtcc	aggcagctgt	cgacgtccag	cacctgctgc	300
ccggcaggtg	tggggctcgg	gctcccagcc	accttgtctc	gggacatccg	gaagagaaag	360
aggatggcca	ggtagacggg	atagacaacc	acgctggaca	tccagagggc	cacctgctgc	420
gttctcctca	tctgcctctt	cctgggcgcc	aacgcctgtg	ggtacggggc	tgttggtgac	480
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cgatgtccc	ggagcaaggt	tatcaatact	ctggctgacc	atcgatcatg	tgggactgac	660
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aatggacatg	atggatccac	ggatgtacag	cagagagcca	ggaggtccaa	ccgccgtaga	840
caggaaggaa	ttaaaattgt	cctggaagac	atctttactt	tatggagaca	ggtggaaacc	900

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ttatgatttt	agaaggaaact	aagcatttta	ctcacaccca	cagcagcaag	aatgacctcc	1620
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tgtttccatt	tattccatgt	tgggtgatgg	ggttgaactg	gaaaattccc	tgaggcaaaa	1740
ctcactggcc	aaatTTttgag	agggtataga	aaatgacttt	agagatgagt	ggttttTgtg	1800
atgtgtctga	tgatatctag	tctgatgttc	cgcaatttta	aaagtTataa	taaaatacca	1860
tttttttaat	ctggaaggac	attgatatat	gaattcttag	aattTgctat	taaaaagggT	1920
agccccatt	ccacaagctg	gttttagagg	tgatcttgct	ctaaaaaac	tcattcatca	1980
taggctcagt	ctgacagggt	ctgtacgggg	ctatcatctt	tctcctcctc	tgctaaatgc	2040
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acatctcaga	tgtattcgta	gctgtgctcc	ttccatactt	ccaaggagtc	cggcttctac	2160
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gttgattcct	atgcccctaa	ccctgcagcc	tctttgtttt	atTTttttcc	ccatctctgt	2400
tggTcccagg	gaaagcaagg	aaatTTtctt	ttgaggactt	ataggTtgat	tgcccacagg	2460
tcaaactgtt	ggcattgaac	tcctctcatt	tcttgccatt	ggattgtttc	ctaaacgttg	2520
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atTTcttatc	cacctttgtc	taggtctcac	atcTTtgggc	aagggagctt	tgtcaccgta	2760
gttgggctag	aacaaatatt	gagaagtTTa	ccaacacaga	tgttgagaag	tttattgaaa	2820
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ttttattgta	ttgtctTTaa	ctcgTtcttg	aagcacagat	ttcagcgcgc	ctttcagcta	2940
ttcagtgcc	gcggtTTtcc	ccactcagga	aagatggTgt	gagccataca	cacagcagga	3000
ttagacgggg	agagTttcag	ctgcagcttc	tagTttaaga	ccaaagccct	tctcctcgct	3060
gctgcactctg	tctgagaggg	gaagctcttg	ttttccaagc	tggaaacggt	tatgaggaaa	3120
actgagcagg	gtggcaaaat	ggaaaaggaa	caatTTtcta	gtTTttccta	cgcgtgatat	3180
tgaggcggtg	ctTTttcttt	gatttgaggt	acagcatgta	aataaccaa	tttcccatat	3240
tccaaaatga	tcatattaga	gtgactgagt	gacctTTtg	atTTttgaag	cagacttaaa	3300
atctgaccag	accacaatga	aaagtataaa	attagaaaact	ttaaattcca	agctaaattt	3360
catgntcagc	tttgacccac	cttaactcca	gtgaataggt	ggcagctcag	aaacaaggac	3420
agcactgcgtg	cttgccagag	caagcttcac	atccagctgg	gcacttcgtg	agagctcctt	3480
ctcTccgggg	acgtgtgagt	tcagcgtggg	caagagactt	ttatgcacat	tctgtcattc	3540
aaaagggaaa	tgatgccaac	cccagatgca	gcattgtcctg	aatgaatgat	ctgtaaaata	3600
caataataaa	agcttatagt	ttgagtaga				3629

<210> 8350

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

 $\langle 222 \rangle \quad (462) \dots (586)$

```
<223> similar to gi65183 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 8350
atcaccatgc agagcaagcg cccatccaat gctaggcgga gccaccgtct tttgcagaac      60
aattgtgcag gttccaaagc ctcggaaaac cggagaggcg catcttgccg gctacggttg      120
aaacccgttc actgggtgat tctgaagcta gaagggcagc cgaatggcct tccccccgtc      180
ctgcccctcg tccactgtaa gctcaggggg gagcgggacc cagggaggtg aagtgcacag      240
actcggcaga ggcggcgggc agaaccgcgg gggtagagag gcgcggtggc tgtggggcgg      300
gagccgctgc tgaaaggagg cctgggttgt tgggaggggt actgtccgtg gaatctttgg      360
cggaggggtg tttggaagaa tggcgagggg agagcagagg agaagggtgt gaccctgatc      420
gtccgccagg ggagagtagg ctgtgctgtc cctcctctcc ccttatgttg cgggggacat      480
acagtgttca ggaagggggg tctccccgga ggaggctagt ccaccacact tcgggtccgc      540
tgaccctgc gatttctcca catgcggggc cctcgtccgc ggtggtgttt gcgctatccg      600
gcggctgggt tcgcgcactc actctcctga catgccttgg ctcaccgccg acgcggatat      660
cgccgccagg gacccttccc gccctcctac aaatcttgag tgcgcttcct tgggtgttctc      720
a
a
721

```

```

<210> 8351
<211> 2008
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2009)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (335)...(1572)
<223> similar to gi5360095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8351
cggaatttcc gggtcgacga tttcgtcccg gtaccgcgag cggctctgat tcatggttta      60
acttgtggcc ctaaagaact ggaaacccaa aggaacgaat attcctgccc cacagagtcc      120
cgtctttggt gaggtctgtt ctggagttta catgatgacc aaggtagtag gcatggcccc      180
agttctgggc cctaggcctc cacaggagca agtggggcct ctgatggtta aagtcgagga      240
gaaagaagag aaaggcaagt accttcctag cctggagatg ttccgccagc gcttcaggca      300
gtttgggtac catgataccc ctggaccccc agaggccctg agccaactcc ggggtgctctg      360
ctgtgagtggt ctgaggcccg agatccacac caaggagcag atcctggagc tactggtgct      420
ggagcagttc ctgaaccatcc tgccccagga gctccaggcc tgggtgcagg agcattgccc      480
ggagagcgct gaagagggtg tcaactctct cgaagatctg gagcggaac tggatgagcc      540
aggacaccag gtctcaactc ctccaaacga acagaaaccg gtgtgggaga agatatcctc      600
ctcaggaaact gcaaaggaat ccccgagcag catgcagcca cagcccttgg agaccagtca      660
caaatacgag tcttgggggc ccctgtacat ccaagagtct ggtgaggagc aggagttcgc      720
tcaagatcca agaaagggtc gagattgcag attgagtacc cagcacgagg aatcagcaga      780
tgagcagaaa ggttctgaag cagaggggct caaaggggat ataatttctg tgattatcgc      840

```

```

caataaacct gaggccagct tagagaggca gtgcgtaaac cttgaaaatg aaaaaggaac 900
aaaacccccct cttcaagagg caggctccaa gaaaggtaga gaatcagttc ctactaaacc 960
taccacagga gagagacgtt atatatgtgc tgaatgtggc aaagccttta gtaatagctc 1020
aaatctcacc aaacacagga gaacacacac tggggagaaa ccttacgtgt gcaccaagtg 1080
tgggaaaagct ttcagccaca gctcaaacct caccctccac tacagaacac acttggtgga 1140
ccggccctat gactgtaagt gtggaaaagc ttttgggcag agctcagacc ttcttaaaca 1200
tcagagaatg cacacagaag aggcgccata tcagtgcata gattgtggca aggctttcag 1260
cgggaaaggc agcctcattc gtcactatcg gatccacact ggggagaagc cttatcagtg 1320
taacgaatgt gggaagagct tcagtcagca tgcgggcctc agctcccacc agagactcca 1380
caccggagag aagccatata agtctaagga gtgtgggaaa gccttcaacc acagctccaa 1440
cttcaataaa caccacagaa tccacaccgg ggaagagccc tactgggtgt atcactgtgg 1500
aaagaccttc tgtagcaagt ccaatctttc caaacatcag cgagtccaca ctggagaggg 1560
agaagcaccg taactttcaa gcgctcctgt tgttgctgtt gttttaaact ttagaatctg 1620
aaaaccagaa agaagtcttg tcattgcagc agcatcgatt ccggtgatag agtttgtatc 1680
actcaacatc aggggatgcc tgaggagtgc gagctccaca gcaacatggc aggcaggagg 1740
tcctcagaag gtgtcaggag gttccacact cgccagttca ctggagcaga gtcccttcgc 1800
cacacttagg gtcccaggac atggccatag ggtgagtcgt tcccactgg gccactgag 1860
atggatttgg gccaggactc catttatcag ctgacctgtg tctggagggc aatggntcat 1920
cactctgcta tcttctcctg gagtttacac aagcccttca gagtgtaaac accgatgtgg 1980
attcaatccc actttcggag agaggatc 2008

```

```

<210> 8352
<211> 1333
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (73)...(554)
<223> similar to gi4200249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8352
ggaagagccg tcaacttagc gagcgcaaca ggctgccgct gaggagctgg agctgggtggg 60
gactgggccc caatggacaa gctgaagaag gtgctgagcg ggcaggacac ggaggaccgg 120
agcggcctgt ccgaggttgt tgaggcatct tcattaagct ggagtaccag gataaaaggc 180
ttcattgcgt gttttgctat aggaattctc tgctcactgc tgggtactgt tctgctgtgg 240
gtgcccagga agggactaca cctcttcgca gtgttttata cctttggtaa tatcgcatca 300
attgggagta ccatcttcct catgggacca gtgaaacagc tgaagcgaat gtttgagcct 360
actcgtttga ttgcaactat catggtgctg ttgtgttttg cacttaccct gtgttctgcc 420
ttttgggtggc ataacaaggg acttgcaact atcttctgca ttttgagtc tttggcattg 480
acgtggtaca gccttttcct cataccattt gcaagggatg ctgtgaagaa gtgttttgcc 540
gtgtgtcttg cataattcat ggccagtttt atgaagcttt ggaaggcact atggacagaa 600
gctggtggac agttttgtaa ctatcttcga aacctctgtc ttacagacat gtgcctttta 660
tcttgagca atgtgttgct tgtgattcga acatttgagg gttacttttg gaagcaacaa 720
tacattctcg aacctgaatg tcagtagcac aggatgagaa gtgggttctg tatcttgtgg 780
agtggaatct tcctcatgta cctgtttcct ctctggatgt tgtccactg aattcccatg 840
aatacaaacc tattcagcaa cagcacataa gccttgggtg caagtgattc ccagggtggc 900
aaaggcagcc ccacagaga tcacgggagc aacagtaagg gacagagttt tgggggtccac 960
ttgtccctca gcatggaagc catcaccgtg gtccctgcata gagtgagtct acttctactc 1020

```

tggcatctga	gaacaagtga	ctctgcttta	gacaagcccc	tggagagcct	ggccatggag	1080
tgaggtagaa	aagaagcact	ttttggtggt	atatgctggt	tctgaatttg	aatctaagca	1140
ttcttggtgt	tctgattctg	cgctgactg	tggaaatgtat	tttctgacat	taggtgcaga	1200
ctctttttct	cttggtttt	atttcccatc	cctccctccc	tctccctgca	tatctttctt	1260
tatgacctcc	tggcactaga	tggggaaaaga	acagagcagc	agcagcagaa	aatgctgctg	1320
tttttttttg	aca					1333

<210> 8353
 <211> 1209
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (261)...(477)
 <223> similar to gil63086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8353						
tttcgtggac	tagtccctgg	gctgcagccg	ctgctacaca	tactcacaac	gctgccgccg	60
cgctccgtgg	gcaactccta	ctactgctgg	gctgggctgg	gctgggctgg	gctgcgccgg	120
agctcgccctg	cacagatcag	ctccggagag	gggaaaacca	cgctcctcgg	accaagcctc	180
gggagctaag	ccagatctgc	cagtgagcct	caggcttttag	gaactgaaga	gtgtttctga	240
aagatctatc	cagcactccg	atggccagca	acaacaccgc	cagcatagca	caagccagga	300
agctggtaga	gcagcttaag	atggaagcca	atatcgacag	gataaagggtg	tccaaggcag	360
ctgcagattt	gatggcctac	tgtgaagcac	atgccaagga	agacccccctc	ctgacccccg	420
ttccggcttc	agaaaacccg	tttagggaga	agaagttttt	ctgtgccatc	ctttaagtct	480
ttgagagggg	cctgaagagc	ctccgggctc	ctgggacatt	gatgtagagt	ttttagttaa	540
gtggggacct	ttctagtccc	cgggcatttg	aaaagagcga	ggagaaccat	tctggaaact	600
ttaggctatg	catgtttaaa	gatctggtcc	cctttatgag	aatgcaagcc	gatccccatc	660
ctgacttaag	agatctgatt	ctgacgaact	gcctggagga	ggggaatata	taaaaataaa	720
attggtgtca	cttctttttt	gctatcccc	agcccccccc	ccccaaaatc	ctcatgtttc	780
tgcttcatat	tttgaaaaat	aacaattaaa	acagacagct	gtactgaggt	aagatatgtg	840
tgaccttctt	ggaatgaata	ttgtcttttag	aatacccttt	gataagctga	gctgtcccgt	900
gtagatgcaa	ttcgggttaa	tggcattgat	gtatagtcac	tgtgcctttc	tttttctttc	960
ttccttctcc	tctacccctc	cttccacccc	tccccattag	agtagtgtgg	agataaggct	1020
ggactggtct	atcagattga	actccaagaa	tgatcacaca	aaatgttttag	ggagatgttc	1080
cccgtggtgt	atcctcatgg	taacaacgac	aaaaaatgcc	ggttgtcttt	gttctctttt	1140
cactattcct	aacatgggta	catgatagct	ttgattctgc	aagtaaaagt	aaatcctgtg	1200
ttgtgaaaa						1209

<210> 8354
 <211> 1699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(1398)
 <223> similar to gi5714737 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8354

gctgcggggcc	ggtgaagata	tggcggcgctc	tgcgtctgca	gctgcagggg	aggaggactg	60
ggtccttccc	tctgaagttg	aagtattgga	gtccatctat	ctagatgaac	tacaggtgat	120
taaaggaaat	ggcagaactt	caccatggga	gatctacatc	actttgcatc	ctgccactgc	180
agaggaccag	gattcacagt	atgtctgctt	cactctggtg	cttcagggtcc	cagcagagta	240
tccccatgag	gtgccacaga	tctctatccg	aaatccccga	ggactttcag	atgaacagat	300
ccacacgata	ttacaggtgc	tgggccacgt	ggccaaggct	gggctgggca	ctgccatgct	360
gtatgaactc	attgagaaag	ggaaggaaat	tctcacagat	aacaacatcc	ctcatggcca	420
gtgtgtcatc	tgcctctatg	gtttccagga	gaaggaggcc	tttaccaaaa	caccctgtta	480
ccactacttc	cactgccact	gccttgctcg	gtacatccag	cacatggagc	aagagctgaa	540
ggcacaagga	caggagcagg	aacaggaacg	gcagcatgct	acaaccaaac	agaaggcagt	600
cggtgtgcag	tgtccagtg	gcagagagcc	cctcgtgtat	gatcttgcc	cactgaaagc	660
agcccctgaa	ccccaacagc	ccatggagct	gtaccagccc	agtgcagaga	gcttgcgcca	720
gcaagaagaa	cgcaagcggc	tctaccagag	gcagcaggag	cgggggggaa	tcattgacct	780
tgaggctgag	cgaaaccgat	acttcatcag	ccttcagcag	cctcctgccc	ctgcggaacc	840
tgagtcagct	gtagatgtct	ccaaaggatc	ccaaccaccc	agcacccttg	cagcagaact	900
atccacctca	ccagccgtcc	aatccacttt	gccacctcct	ctgcctgtgg	cgacccagca	960
catatgtgag	aagattccag	ggaccaggtc	aaatcagcaa	aggttgggcg	aaaccagaa	1020
agctatgcta	gatcccccca	agcccagtcg	aggccctgg	cgacagccc	aacggaggca	1080
cccaaaggga	ggggagtgcc	acgcccctaa	aggtaaccgt	gacacccagg	aactgccacc	1140
tctgagggg	cccctcaagg	agcccattga	cctaaagcca	gaaccccata	gccaaggagt	1200
tgaaggtcct	ccacaagaga	aggggcctgg	cagctggcag	gggccccac	cccgcaggac	1260
tcgggactgt	gttcgctggg	agcgctctaa	aggccggaca	cccggttctt	cctaccctcg	1320
cctgcctcgg	ggccagggag	cataccggcc	tgggtactcg	agggagtccc	tgggcctgga	1380
atctaaggat	ggttcctagc	aggacttggt	ggggggaaca	gggaattggg	gatgggaggg	1440
aggcaataaa	gatatttggt	cttctttggc	tttctttgct	tagcagcgcc	tagcctgtga	1500
ggaatggctc	tttttctcaa	ttcctaataa	gattgggggtg	tggcagagca	gcccccaact	1560
ttgctctgaa	gtctgtttct	cgaagagctg	ggtaaagagg	gtctgacatc	tcatacagcta	1620
gtatagttag	tttcagggaa	aactattggg	atgtctgcat	gtaagcagag	tccttaggac	1680
ccaccgttaa	caactcatt					1699

<210> 8355
 <211> 1545
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1279)...(718)
 <223> similar to gi33969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8355					
ggtcgacttt	tttctttctc	ctctttttga	gacggtctca	ctctgtcacc	caagctggag	60
ttgcagtggc	gtgatctcca	ctcactgtag	cctctgcctc	agttcaagcg	attctcctgc	120
ctcagcctga	gtagctggga	ctacagtggg	gcgcctggct	aatttttgta	tttttagtaa	180
agacaggggtc	tcaccgtggt	ggaccaggct	gggtctgaac	tcctggcctc	aagtgatcca	240
cccaccttgc	tcagcctccc	aaagtgctgg	gattacaggc	ctgagccacc	gtgcccggcc	300
atgttgcttt	tataattgag	atatttcatt	tgttttgggg	gttaggcaaa	tttaatttgc	360
cattcctcaa	actcagtaac	ttcaaatata	aacaatgcct	agaatgaata	tggttcctca	420
ttatttctat	caaactacta	caaatactga	agaatcccaa	agtagttttc	cacagaggca	480
gaaaagcagt	tcagggggtg	aaaatcttca	atattaataa	gccctgggac	attcaaatgg	540
cacttcatat	ttcaaggtaa	tgcaatatga	atcataattc	attatatatt	gtccccaaga	600
gttacttcaa	ttccgtattc	accagttctt	acgatttgga	aaaaaaaaact	tgaattgtttc	660
cagatgaaat	gtaatcccca	agccttgtgt	gtcaacattc	tagtgaattc	ctattttaat	720
gagaggcgct	ccaaaaacact	tcctgcacca	ctcgacactg	gcactttggtg	gagcatcaat	780
tttctgcaac	ctttcaagaa	tctctgaaga	cagactattg	tatgcaattc	catattcatt	840
gtcaaatgcc	tcaatatcaa	tattctctct	tcctagagac	actaatgata	agaagaggat	900
ttctctgfat	aaactccttt	gtcttttcat	gcctggcttc	atttgctgtg	aaagtagggt	960
gatgggttta	agaacattat	tgtgctgaat	actctgcctg	atggtttcta	ctaaagtgtc	1020
tgtttcttgt	tgttcctctg	acaggagaga	tgatttcttt	tcagaattaa	aattcctcca	1080
tgagacatac	agaggttctc	ttgggttcctg	atgaaggttg	atattatccc	ataacagctg	1140
aatatacaca	agtttgctat	cctgggacag	agatgacaga	ggaagctgta	caccttcatt	1200
acaatgttca	gatgtgagga	taagtccctg	caagttacta	ggaaggtcca	aacgtctgaa	1260
ataccaaaacg	agggtcacga	aaatgattgg	atgttgattg	atgaaagaag	atgtatgaat	1320
cacctgatca	ccttctattt	ctagcaaaga	ttcaagttct	ttacggagta	ctagaggact	1380
caagtagggc	acagaaacag	gggagcagtg	ggctcttgtc	gtaaagcatc	agcatcttcc	1440
cgcacactac	gtggtagact	gacggccagg	atgccatgta	tcgggtcgctg	gatagagtca	1500
atatttctgca	gcggggcctgc	gtcactgtgc	gtacgtgttg	ttcaq		1545

```
<210> 8356
<211> 1295
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (256)...(837)
<223> similar to gi5138930 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 8356						
ggaaataaccg	cggcgcggac	ggtagttgct	gtggtttccg	ttctgagctc	gcagcttagg	60
agctgaagat	cgcggaactta	gcgttgccgc	gtccgagtc	ggccatcagt	ggctgcagat	120
ccggaggcca	ggagctcaac	cacccttctt	cggaacaggg	ccggcctgct	gctgtgccct	180
cgacgctcgg	tgctgtatc	tactccgggg	cctaggtcgg	ctccgggggc	ggcttaggag	240
aaggccgcg	gcgagatgtt	caaaaacacg	ttccagagcg	gcttcctctc	catcctctac	300
agcatcggca	gcaagcctct	gcaaactctg	gacaaaaagg	tacggaatgg	ccacatcaaa	360
agaatcactg	ataatgacat	ccagtccttg	gtgctagaga	ttgaaggggc	aaatgtaagc	420
accacatata	tcacatgcc	tgcacacccc	aagaagacgc	tgggaattaa	acttcctttc	480
cttgtcatga	ttatcaaaaa	cctgaagaag	tattttacct	tcgaagtqca	ggtactagat	540

<220>
 <221> misc_feature
 <222> (1111)...(761)
 <223> similar to gi2911066 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8358
 cgtccaaagg agttttattg gggagagcca cgagggtttt ccgatccagc ccggttaaaa 60
 ccccgccccc gtatttgttt tggtgggccc cctttaaaaa atatttacgt cgcactcccc 120
 cggtttgtaa actgttctcc ctatagccgg cccccctttt tttttttttg agacagggcc 180
 tcaactctgtc acccaggctg gagtggaaatg gcctgatcac cgctccactg cagcctaaat 240
 cccctgggct caagtgatcc tcccacctca gtctcccgag tagctgggac tacaggcact 300
 taccaccact ccacgcta at ttttactgtt tttatagaga cgagggtctcg ccatgttgcc 360
 caggatggtc ttaagctcct ggcctcaagt gatcctccca tcttggttc ccaaagtgtc 420
 aggattacag gtgtgagcca cctgtagacc ccagatctgt cccccaagga cactcaacat 480
 gctggggcct gtgttatcga tttattgcag ctccaatatg agtccactcc tactcaaacc 540
 ctgattctca ggggcctggg gaaggccacc ccactagggg ccctgtcccc accagagcct 600
 ggacatggga ctctctccca agcaggggtg ttgtccttca caggggcttc cacgtctctc 660
 ccgggcctgt ccgcactctg ggcagggctg gcacctggct attccctcaa tctggggcct 720
 ggggccatgg caatgtggaa tggtcagggt gttcatgtca gtggggcttg gggacatggc 780
 catccacgta gaagttcctg gtgatcttg gcagggtgaa ttccgctcct tccagctccg 840
 gtgtcagcac aatctggcag cccagcccg agttctcctg gaggaggggg gccatgtcta 900
 gcatgtcgtc ttccctctcc tcgggaggag gcaggagatc cagggtgtct tcaactacat 960
 acacatggca ggtggagcag gccagggagg cttcacaggc cccttccagg tccaccccgt 1020
 ggcgtggggc cagggtgaaga acattgtccc cgactctgcc actcactggg atccgctggc 1080
 ctgagcggtc tacgaacacc acgttcacca cgtccccggg ccgctccggg ccgcccgcgt 1140
 cctcctctcc agccgggcgc gagcctgtcg cttgaaactt tctggttgtc cccagcgcca 1200
 cccctcccc cgaccgggaa gtgccccag gtctgttcca ccagggtgcc ctggcagcct 1260
 gcagcagaac cctggcactc acgcctcccc gggccatgga ggcggccatg acatgcatca 1320
 cgtga 1325

<210> 8359
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (765)...(90)
 <223> similar to gi3550427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8359
 tttttttttt ttccaaatac tgtttacttc actaaaacct ggagtgaggc agggaaaagg 60
 tacatcaatg tctgagacac caagcctagg agtgacatt gacaacggcg acatacaggg 120
 ccaaagtgtc gagggccagc agccccgtta ccactgctcg ggccagtaga gctgccaac 180
 tgcccagcga gcagaggtgg acgaaggtct ccataacaaa ggcctttag acactgagga 240

acatcagcag	gaggacagct	ggccggaagg	tgtggtacag	atcatagcgt	gttatcatcc	300
agacctgagc	agacgcgacg	atgtaatgga	ccagactgat	gttggagtct	atgctcatct	360
ggatgtactt	ccagtcaaac	tcaatgcccc	gggctccgac	ccatagggga	atgcagcggg	420
acataataag	ctcagcagtg	gcccagccca	gggcagcaac	catgatcttg	tactctccct	480
tgccggcatt	ccgggacatg	acaaggttta	gacctatcag	gtctgccaca	tccacgctgg	540
ccttcatgaa	ctccccaatg	aagtcataga	tgccgccttc	ccaggtggga	aagaaagtgg	600
ccaagaacag	catcttgacg	agttggacaa	agaggtaggt	gactccagcc	tggacgcatt	660
tccagaaggc	gttggtactcg	gacaggccgc	tgcacttgta	ggtgatgaag	taggggaagt	720
aggcaagagc	gaagcagttc	ccgaagtga	acagggtcat	gatgccggcc	gcccggtecc	780
gcccgcgcgg	ggatcgcgag	gcggcgtctc	cgggagcggg	tctccggctc	cgccggctct	840
ttcgccacgg	ccagggcctg	gcaccca				867

<210> 8360

<211> 2645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2646)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (447)...(1139)

<223> similar to gi407421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8360

tttttttttt	ttgactgaac	taagtggctt	ttttattaga	gaaagccaga	attacaaaag	60
acttaagagt	tggcattggg	gcccttcttc	ttgcaaagg	tgggcacaac	gttgacaaaag	120
cgcgggttgt	actgcatccg	ccgcttagcc	cgacctgtct	tcttcttctt	cttctcctgt	180
ttggccacct	taggagtctg	acctctcact	tttcagcac	gggccaggga	accatggact	240
ttacctcaa	gcatgcggcc	tgtacttcc	agggtagtca	gggcctccac	cccgcactgg	300
cccagagtgg	cctcatcctc	caggggcgcg	cctgccagga	gcacgacttg	atcttccggg	360
gcaatgccct	ccagtgaagg	tacatgagcc	ttgatctggg	cgaccgtttc	ctggccgggtg	420
ctggaaaagt	gacaggtcgg	gctaagcggc	ggatgcagta	caaccggcgc	tttgtcaacg	480
ttgtgcccac	ctttggcaag	aagaagggca	ccacgttcac	caagatcttc	gtgggcggcc	540
tgcggtacca	cactaccgac	gcctcgctca	ggaagtactt	cgagggtctc	ggcgacatcg	600
aggaggccgt	ggtcatcacc	gaccgccaga	cgggcaagtc	ccgcggctac	ggcttcgtga	660
ccatggccga	ccgggcggca	gctgagaggg	cttgcaaaga	cccgaacccc	atcatcgacg	720
gccgcaaggc	caacgtgaac	ctggcatatc	tgggcgccaa	gccgcggagc	ctccagacgg	780
gctttgccat	tggggtgcag	cagctgcacc	ccaccttgat	ccagcggact	tacgggctga	840
ccccgcacta	catctacca	ccagccatcg	tgcagcccag	cgtggtgatc	ccagccgccc	900
ctgtcccgtc	gctgtcctcg	ccctacattg	agtacacgcc	ggccagcccg	gcctacgccc	960
agtacccacc	ggccacctat	gaccagtacc	catacgccgc	ctcgccctgcc	acggctgcca	1020
gcttcgtggg	ctacagctac	cctgcgcgcg	tgccccaggc	cctctcagcc	gcagcaccgg	1080
cgggcaccac	tttcgtgcag	taccaggcgc	cgcagctgca	gcctgacagg	atgcagttag	1140
gggcgttctt	gccccgagga	ctgtggcatt	gtcaccttca	cagcagacag	agctgccagg	1200
ccatgatggg	ctggcgacag	cccggctgag	cttcagttag	gtgccaccag	caccctgtgc	1260

cagttgcttc	agcttcagct	gctcctgctt	cttgagcagt	ttcttcttct	gggagatgag	840
gaagtcgaca	tccacaccac	acctctgctt	cagcgcacat	ctgtagaact	cagcattggc	900
aaagtacacg	gtggccgagg	agcgggaagac	cttcaccccc	cggacttcct	tggcctctga	960
gtactctgcc	acatctctgt	aaatatccgt	gtctggcacc	tgccccagga	cagagtagtg	1020
gggcatctgt	gtccggacca	ccacgagcag	cagggagaag	atgaccgcaa	ccaccaagcc	1080
aaggtccagg	ttcagcaaga	tgggtggccgt	gaaggtcacc	agccagataa	gcagatccgc	1140
ccgattggcc	ttccagaggg	agcgcacatg	gctgagctgc	ctcagcatgc	ccttcagggt	1200
cacaatgatg	atggctgcca	ggaccgc				1227

<210> 8362
 <211> 1788
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (168)...(1260)
 <223> similar to gi5882255 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8362	
tcctcttgct	ccggaatgag catgcctgcc ctttgcaagc aggtttgggt ctacgcaga 60
ggaaacaaaa	agcaataaga gggagggaag gcagagcaac caatcaaggg caggggtgaga 120
ctcaaaacga	gcgggtccc tggggagcca gacagagget gggggtgatg gcggagctac 180
agcagctgca	ggagtttgag atccccactg gccgggaggg tctgaggggc aaccacagtg 240
ccctgctgcg	ggtcgctgac tactgcgagg acaactatgt gcaggccaca gacaagcgga 300
aggcgctgga	ggagaccatg gccttcaacta cccaggcact ggccagcgtg gcctaccagg 360
tgggcaacct	ggccgggac actctgcgca tgttggaact gcagggggcc gccctgcggc 420
aggtggaagc	ccgtgtaagc acgctgggccc agatggtgaa catgcatatg gagaaggtgg 480
cccgaaggga	gatcggcacc ttagccactg tccagcggct gccccccggc cagaaggtca 540
tcgccccaga	gaacctaccc cctctcacgc cctactgcag gagacccctc aactttggct 600
gcctggacga	cattggccat gggatcaagg acctcagcac gcagctgtca agaacaggca 660
ccctgtctcg	aaagagcatc aaggccccctg ccacaccgc ctccgccacc ttggggagac 720
caccccgat	tcccagacca gtgcacctgc cgggtgtgcc cgacggcaga ctctccgccg 780
cctcctctgc	gtcttccctg gcctcgccgc gcagcgccga aggtgtcggg ggggccccca 840
cgccccaggg	gcaggcagca cctccagccc cacctctccc cagctccttg gacccacctc 900
ctccaccagc	agccgtcgag gtgttccagc ggcctccac gctggaggag ttgtccccac 960
ccccaccgga	cgaagagctg cccctgccac tggacctgcc tcctcctcca cccctggatg 1020
gagatgaatt	ggggctgcct ccacccccac caggatttgg gcctgatgag ccagctggg 1080
tgctgcctc	atacttgag aaagtgggtga cactgtaccc atacaccagc cagaaggaca 1140
atgagctctc	cttctctgag ggcactgtca tctgtgtcac tcgccgtac tccgatggct 1200
ggtgcgaggg	cgtcagctca gaggggactg gattcttccc tgggaactat gtggagccca 1260
gctgctgaca	gcccagggt ctctgggcag ctgatgtctg cactgagtgg gtttcatgag 1320
ccccaaagcca	aaaccagctc cagtcacagc tggactgggt ctgccacct cttgggctgt 1380
gagctgtgtt	ctgtccttcc tcccatcgga gggagaaggg gtccctgggga gagagaattt 1440
atccagaggc	ctgctgcaga tggggaagag ctggaaacca agaagtttgt caacagagga 1500
cccctactcc	atgcaggaca ggggtctcctg ctgcaagtcc caactttgaa taaaacagat 1560
gatgtcctgt	gactgcccc cagagataag gggccaggag ggattgaaag gcacccagt 1620
tctaaggctg	ctgctaatta cagccccaa cctccaaccc accagctgac ctagaagcag 1680
catcttccca	tttctcagt accacaaaag tgcagccccc attggacccc agacaccct 1740

ctgcagccat tgactgcaac ttgttctttt gccattgaa aaaaaaaa

1788

<210> 8363

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(591)

<223> similar to gi5262481 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8363

gggggggagc	ggggaaaaca	aaaggagacg	aaggacgcat	gcgtttggtg	agtcccggat	60
tctggtgggt	tcttccgctc	aggctgggtg	aagcgcttcc	gggtcgccgc	cggcagcagc	120
ctcccgccgc	gatgaagaca	ctgaggctca	gagagggtta	gtgactcagc	caagggtcaa	180
cagctagtaa	gtggtggagc	caggactcaa	agccagtcta	ggagccatgt	ccactttgtt	240
cccctcactc	ttccctcgtg	tgactgagac	tctgtggttt	aatctggatc	gaccctgtgt	300
ggaagagaca	gagctgcagc	agcaggaaca	gcagcatcag	gcctggctcc	aaagcatcgc	360
ggagaaagac	aacaacctgg	ttcctattgg	caagccagcc	tcagagcact	atgatgacga	420
ggaagaagag	gatgatgaag	atgatgagga	tagtgaagag	gactcagagg	atgatgagga	480
tatgcaggac	atggacgaga	tgaatgacta	caatgagtca	ccggatgatg	gagagggtcaa	540
tgaggtggac	atggaaggca	acgaacagga	tcaggaccag	tggatgatct	aggtagacaa	600
ggcaggggtg	cctcagggag	attccaggcc	agcccaaact	accctgcac	ccaaccccc	660
accctgccc	acagaaccag	ctgatggccc	cagtgcctga	aagtgcctt	gggcacctcc	720
tcagctgctg	ccaggatctg	gtctcttttg	cccctcccag	gccatcagtc	tgcacttgaa	780
atccccaggg	cctgaaacct	actccacctt	cctggccagt	acctcacc	ttgattgcca	840
ggtctggtct	aagtttcttt	aataaagaca	aaggagtgat	tttccaaaa	aaaaa	895

<210> 8364

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (38)...(413)

<223> similar to gi791053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8364

cagccggcag	gacgctgtga	gttggcgtgc	tagtgggatg	gcagatgagg	aagaagacc	60
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cacgtttgag	gaagaaaatg	aagaaattgg	aggaggtgca	gaaggtggac	agggtaaaag	120
aaagagactt	ttttctaaag	aattgcgatg	tatgatgtat	ggctttgggg	atgaccagaa	180
tccttatact	gagtcagtgg	atattcctga	agatcctgtc	atagagttaa	tcactgaaat	240
gactcacaag	gcaatgtcaa	ttggaagaca	aggctcgagta	caagttgaag	atatcgctct	300
cttgattcga	aaggacccaa	ggaagtttgc	caggggttaa	gacttgctta	ctatgaatga	360
agaattgaaa	cgagctagaa	aagcatttga	tgaagcaa	tatggatcct	gacacttttt	420
gtagtttccg	aaaattacca	tctggggaaa	ccatatataa	taattgtata	ttttctaaag	480
taagattctg	atatctagcc	atgtaaatga	aagatggaga	aacacaaagt	tttcagcctt	540
tatttttatg	cctttgattt	tagggtgata	ttggtgcatg	taattgcctg	ccttttatatt	600
accatacttg	aattacttac	tgggttttaa				630

<210> 8365

<211> 2285

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (198)...(1751)

<223> similar to gi35869 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8365

agaagcgtac	accgagtagc	ttgagcgctt	cttcggttta	cctttttcca	gtgccagagg	60
cgcctagggg	tggggctctc	gtcagggcac	agagacccga	caccgagcgg	cggtttcccc	120
gggatcgagg	gacgcgcacg	ccagaggaga	cgaaaggaa	ccgggtcggg	ccagatcgga	180
accactgacc	attgcccatt	gcgcccttag	gccctagcag	ccagaatgtc	actgaatacg	240
tcgttcgagt	tcctaagaat	acaacaaaaa	aatataacat	catggccttt	aatgcagccg	300
acaaagtcaa	ctttgtctacg	tgggaatcagg	ctcggtctga	gcgggacttg	agcaacaaga	360
aaatctacca	agaggaggag	atgcccgaat	cgggcgcggg	cagtgaagtc	aaccgcaagc	420
ttcgggagga	ggctcggagg	aagaagtacg	gcatcgctct	caaggagttc	cggcccaggg	480
accagccctg	gctgctccgg	gtcaacggca	aatcaggcag	gaagttcaag	ggcatcaaga	540
agggaggcgt	aacagagaac	acgtctact	acatcttcac	ccagtgtccc	gacggggcct	600
tcgaggcctt	cccgtgac	aactggtaca	atttcacacc	gctggcccgg	catcgacgc	660
tcactgcga	ggaggccgag	gaggagtggg	agaggaggaa	caaggtgctg	aaccacttca	720
gcatcatgca	gcagcggcgg	ctcaaggatc	aggaccagga	cgaggatgag	gaggagaagg	780
agaaacgtgg	ccgcagggaag	gcgagcgagc	tgcgcattcca	cgacctggag	gacgacctgg	840
agatgtcgtc	cgatgccagt	gatgccagtg	gtgaggaggg	gggcagagtc	cccaaggcca	900
agaagaaggc	gccgctggcc	aagggcggca	ggaaaaagaa	gaagaagaag	ggttcagacg	960
acgaggcctt	cgaggacagc	gatgatgggg	acttcgaggg	ccaagagggtg	gactacatgt	1020
cagacggctc	cagtagctcc	caagaagagc	ctgagagcaa	ggccaaggcg	ccgcagcagg	1080
aggaggggcc	caagggtgtc	gatgagcaga	gcgacagtag	tgaggagagt	gaggaggaga	1140
agccgcctga	ggaggacaag	gaggaggagg	aggagaagaa	ggcaccacc	ccgcaggaga	1200
agaagcgag	gaaagacagc	agcgaggagt	cggacagctc	agaggagagc	gacattgaca	1260
gcgaggcctc	ctcagccttc	ttcatggcga	agaagaagac	gccaccacaag	agagagcgga	1320
agccgtcggg	agggagctca	aggggcaaca	gccgccagg	cacgccagc	gcagagggtg	1380
gcagcacctc	ctccaccctg	cgggcggctg	ccagcaaaact	cgagcaaggg	aagcgggtga	1440
gcgagatgcc	tgcagccaag	cgggtgcggc	tggacacggg	acccagagc	ctgtctggga	1500
agtcgacacc	ccagccacca	tcaggcaaga	caacacccaa	cagcggcgac	gtgcagggtga	1560
ctgaggatgc	cgtgcgccgc	tacctgacac	ggaagcccat	gaccactaag	gacctgctga	1620

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aaaagttcca gaccaagaag acagggctga gcagcgagca gacagtgaac gtgttggtccc 1680
agatcctcaa gcgactcaac cccgagcgca agatgatcaa cgacaaaatg cacttctccc 1740
tcaaggagtg aggcttggtc caatacatgg ctctgcccc cagaacttaa ggctctcact 1800
gcccttcgca catcctagag tgaggctctg tccaatacat ggctctgccc tccagaactt 1860
caggtctca gtgacccttc gacatcctgc ttgctccctg actcccaggg ccccgtagtt 1920
agcaattctg gaaaagttaa gccatctcct cctctggccc ttccttctgg aatcttcaga 1980
tgctgttag gccttcttat tgcctcctc ctctgggtc ggctccctc aactgacca 2040
aggcctgtg ctgcccactg ggtaacttct acagttctcc cttccacttc cctaagtctc 2100
tcttcagctg tgacttatcc accacatagc ccagtaagtc ttcagttttg gctgggcatg 2160
atggtgagcg cctgcagtc cagctacttg ggaggctaag cccagttcaa ggctgcagtg 2220
aactatgatg gtgccactgc attccagcct gggtgacaga atgaaatcct ggcacaaaaa 2280
aaaaa 2285

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<210> 8366
<211> 1622
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (80)...(1129)
<223> similar to gi4416074 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8366
cccacgcgtc cggacgaagg actggaaggt ggcggtggtg aaggtgcagg ccgttggggc 60
ggctcaaagg caggtgacta tgaaaggctt atatttccaa cagagttcca cagatgaaga 120
aataacattt gtatttcaag aaaaggaaga tcttcctgtt acagaggata actttgtgaa 180
acttcaagtt aaagcttgtg ctctgagcca gataaataca aagcttctgg cagaaatgaa 240
gatgaaaaag gatttatatt ctgttgggag agaaattgct ggaattgtat tagatgttgg 300
aagcaaggta tcattctttc aaccagatga tgaagtagtt ggaattttgc ccctggactc 360
tgaagacctt ggactttgtg aagttgttag agtacatgag cattacttgg ttcataaacc 420
agaaaaggtc acatggacgg aagcagcagg aagcattcgg gatggagtgc gtgcctatac 480
agctctgcat tatctttctc atctctctcc tggaaaatca gtgctgataa tggatggagc 540
aagtgcattt ggtacaatag ctattcagtt agcacatcat agaggagcca aagtgatttc 600
aacagcatgc agccttgaag ataagcagtg ccttgaaaga ttcagacctc ccatagcccg 660
agtgattgat gtatctaata ggaaagttca tgttgctgaa agctgtttgg aagaaacagg 720
tggcctggga gtagatattg tctagatgc tggagtgaga ttatatagta aagatgatga 780
accagctgta aaactacaac tactaccaca taaacatgat atcatcacac ttcttggtgt 840
tggaggccac tgggtaacaa cagaagaaaa ccttcagttg gatcctccag atagccactg 900
ccttttcctc aaggagacaa cgtttagcttt cctgaatgat gaagtttgga atttgtcaaa 960
tgtacaacag ggaaaatatc tttgtatctt aaaggatgtg atggagaagt tatcaactgg 1020
tgttttcaga cctcagttgg atgaacccat tccactgtat gaggcaaaag tttccatgga 1080
agctgttcag aaaaatcaag gaagaaaaaa gcaagttgtt caattttaat tttcttcttt 1140
ctcagacctc agtcggatga acatattcca gtatttgaag ccagaatttt ctttggaat 1200
tgttgagaaa aaccaaggaa gataaaacaa gttgcatttt taagcacgtt tcccctgcta 1260
agacaagatg cctcagttga cacatttgaa aagtgtttga aaaattcctt gtgcaaatga 1320
tcaagataat tctataatta acatcttaag ggaatttttc taaaaacctt ttcattgttt 1380
ctatatattt tgcccctgct ataaaattcc ttccatgaag aaaactgctg ctttcagcaa 1440
aagtcacact actcttgata aaagctgttg caggcctctg ctaagctatc aaagtaacgt 1500

```

attaat	ttttg	tattca	actc	ccgtt	ctcaa	cacctt	catt	aagt	ctttgc	tgtcata	aatt	1560
taagca	tttg	agtata	tttt	gaagt	cttaa	aagact	tagc	ccatag	ggccc	ttaaaa	aaaaa	1620
aa												1622

```

<210> 8367
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (96)...(1679)
<223> similar to gil228085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 8367												
ctggacc	cgat	ccgca	attcc	aggat	cgacg	atttc	gtggg	tggag	accca	cgagccg	gagg	60
cctcctg	cag	tgttc	ctgcac	agcaa	accgc	acgct	atggc	tgacag	ccgg	gatcccc	gcca	120
gcgaccag	at	gcagc	actgg	aaggag	cagc	ggg	ccgcg	ca	gaaag	ctgat	gtcctg	180
ctggagct	gg	taacc	agta	ggagaca	aac	ttaat	gttat	tacagt	taggg	ccccgt	gggc	240
cccttc	cttgt	tcagg	atgtg	gttttc	actg	atgaa	atggc	tcatt	tttgac	cgagag	agaa	300
ttcctg	agag	agttg	tgcac	gctaa	aggag	caggg	gcctt	tggct	acttt	gaggtc	acac	360
atgacatt	ac	caaata	actcc	aaggca	aagg	tattt	gagca	tattg	gaaag	aagact	ccca	420
tcgcagt	tcg	gttct	ccact	gttgc	tggag	aatcg	gggttc	agctg	acaca	gttcg	gggacc	480
ctcgtg	gggt	tgcagt	gaaa	ttttac	acag	aagat	ggtaa	ctggg	atctc	gttgga	aata	540
acaccccc	at	tttctt	catc	agggat	ccca	tattg	tttcc	atcttt	tatc	cacagc	caaaa	600
agagaaat	cc	tcagac	acat	ctgaag	gatc	cggac	atggg	ctggg	acttc	tggagc	cctac	660
gtcctg	agtc	tctgc	atcag	gtttct	ttct	tgttc	agtg	tcggg	gggatt	ccagat	ggac	720
atcgcc	acat	gaatg	gat	at	ggatc	acata	ctttc	aaagc	t	ggtaa	tgc	780
cagttt	attg	caaatt	ccat	tataag	actg	accagg	gcat	caaaa	acctt	tctgtt	gaag	840
atgcgg	cgag	acttt	cccag	gaagat	cctg	actat	ggcat	ccggg	atcct	tttaac	gcca	900
ttgcc	acag	aaagt	acccc	tectg	gaact	tttac	atcca	ggatc	atgaca	tttaat	cagg	960
cagaaa	cttt	tccatt	ttaat	ccattc	gatc	tcacca	aagg	ttggc	cctc	aaggact	acc	1020
ctctcat	ccc	agttg	gtaaa	ctgg	tcttaa	accgga	atcc	agtta	aattac	tttgc	tgagg	1080
ttgaac	agat	agcct	tcgac	ccaag	caaca	tgccac	ctgg	cattg	aggcc	agtcct	gaca	1140
aaatg	cttca	gggcgc	gcctt	tttg	cctatc	ctgac	actca	ccgcc	atcgc	ctggg	accca	1200
attat	cttca	tatac	ctgtg	aactg	tccct	accgt	gctcg	agtgg	ccaac	taccag	cgtg	1260
acggc	ccgat	gtgc	atgcag	gaca	atcagg	gtggt	gctcc	aaatt	actac	cccaac	agct	1320
ttggt	gctcc	ggaac	aacag	ccttc	tgcct	tggag	cacag	catcc	aatat	tctgg	agaag	1380
tgcgg	agatt	caac	actgcc	aatg	atgata	acgtt	actca	ggtgc	gggca	ttctat	gtga	1440
acgtg	ctgaa	tgagg	aacag	aggaa	acgtc	tgtgt	gagaa	cattg	ccggc	cacct	gaagg	1500
atgcac	aaat	tttcat	ccag	aagaa	agcgg	tcaag	aactt	cactg	agggtc	caccct	gact	1560
acggg	agcca	catcc	aggct	cttct	ggaca	agtac	aatgc	tgaga	agcct	aagaat	gcga	1620
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gccgg	ggccc	tgcac	ctgtg	cagcg	aagct	tagcg	ttcat	ccgtg	taacc	cgctc	atcac	1740
tggat	gaaga	ttctc	ctgtg	ctag	atgtgc	aaatg	caagc	tagtg	gcttc	aaaat	agaga	1800
atccc	acttt	ctatag	caga	ttgtg	taaca	atttta	atgc	tatttc	cccca	ggggaa	aatg	1860
aagg	ttagga	tttaac	agtc	attta	aaaaa	aaaatt	ttgt	ttgac	ggatg	attgg	attat	1920
tcatt	taaaa	tgatt	tagaag	gcaag	tttct	agcta	gaaat	atgat	tttat	ttgac	aaaat	1980
ttgtt	gaaat	tatgt	atgtt	tacat	atcac	ctcat	ggcct	attat	attaa	aatat	ggcta	2040

taaatatata	aaaagaaaag	ataaagatga	tctactcaga	aatTTTTtatt	tttctaaggt	2100
tctcatagga	aaagtacatt	taatacagca	gtgtcatcag	aagataactt	gagcaccgtc	2160
atggcttaat	gtttattcct	gataataatt	gatcaaattc	atttttttca	ctggagttac	2220
attaatgtta	attcagcact	gatttcacaa	cagatcaatt	tgtaattgct	tacattttta	2280
caataaataa	tctgtacgta	aaaaaaaaa				2309

<210> 8368

<211> 1854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1718)...(308)

<223> similar to gi4972730 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8368

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accaagatgg	ttgggcaggg	gacacttact	agtataaaaa	taatacaaat	attgtatttt	180
cctcttatct	gccagtaaaa	aatggcaaac	aggttttgtc	tttctgaagt	ttctagtcca	240
ataaccaaag	atgatggagc	ccctaataaa	gtgccttgcc	ctgtatgctc	cactgtctat	300
agcttttagac	cctcaacatt	cttcttcaag	ttcagcagct	ctttttcttg	ccttcttttc	360
tccagtttaa	atgctaattt	gttagctttc	ttctccactc	ttcgttcctt	gcgctcttct	420
tttatagctt	gctttcttgc	tcttttatct	tctttgcttt	cattttttaga	acgtggctga	480
gttgatactt	taggaagatc	actgccatta	atcatctgta	ttctttcagt	ttgctttgct	540
gtgagtcctt	tcttttgtaa	gacattgaga	ggatattcctg	ttttagaaga	tattcgaatt	600
tgtttgggct	ttggttgata	cttgataagc	tgtggatggg	tatataaatt	tgagtatgta	660
ctacaaatag	attcacaatc	ccacttctct	ttggcttctt	caaggactac	agtaatcatt	720
tcttctctct	cagactcatc	aagetcatte	attggcaggt	cttgatcctc	caagggttca	780
agggatttca	attttacaca	attctctgcc	ttctctttat	agtagtcatt	caaaacttcc	840
tgtaagcgat	tgctgtccac	ttgaatagaa	ccttccaatt	ctgcattatc	cagagctcca	900
atttcatcat	catcatattg	ctcataaaac	ttctcaaacc	tctcatcatg	tagggtcagc	960
tgttcatttc	tcctcatgac	tgaggaagtc	atcgaatact	ccgtgaagcg	actctttggt	1020
tcctcactcc	agaacaagtg	atctgctata	gctctgtgag	tttttccggg	cacagacata	1080
cagtcttcat	ctgacaatag	gcctgcagag	tcatagtcatt	cattgctatc	tccttctca	1140
tcattccacat	cttcccactc	gctgtcatct	tcattctcag	atttctgtat	atccattccc	1200
tcttctctct	ctgttgctt	attggcctga	agaataaagt	catcctcaag	cagattatct	1260
ggatcatcaa	agtcaaaatc	atcatcaaga	gctgcaacaa	tgtcaggatc	aaaatccagt	1320
cgaggctctg	aaactggagc	tgctttatatt	aacaatccaa	catcttctct	aaactctgaa	1380
gcaaacactg	atgaaggcaa	cttaattcca	gtgcttgga	ttactagcgt	ttcttctttc	1440
tcctctctcc	tgttgtgtgc	actgaaggta	cttgaggga	taagctctga	aggcccagat	1500
ggttccttca	ggtgctgcag	gtagtcatag	tcgtcatcaa	agaacactcc	atacttctct	1560
tgttctgctc	gcctttcttc	attgtctatt	ttttgtgtgg	gcaatagaac	cctctggggg	1620
gcactctcat	ctgctgctaa	aggatctcgt	tggtccggg	ggaccaagtg	aaaagacaca	1680
gctttcttct	tctctataaa	gggctttttc	ttcctgtgag	gcatgctgca	gccgcgcggc	1740
gctcaccccc	aacagggggc	gcgatgacac	cctcgaagtc	cggcggggag	accaaggtcc	1800
agctgaaggc	cgcttctgta	ggcctcacca	cacgtgcagc	cccaacgaaa	tcgg	1854

<210> 8369
 <211> 1262
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (350)...(601)
 <223> similar to gi20245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8369
 ctccaagctg ctggacccca gggagagctg accactgccc gagcagccgg ctgaatccac 60
 ctccacaatg cgggtctcag gaaccccggc ccctaataag aagaggaaat ccagcaagct 120
 gatcatggaa ctcaactggag gtggacagga gagctcaggc ttgaacctgg gcaaaaagat 180
 cagtgtccca agggatgtga tgttggagga actgtcgtcg cttaccaacc gggggtccaa 240
 gatgttcaaa ctgcggcaga tgagggtgga gaagtttatt tatgagaacc accctgatgt 300
 tttctctgac agctcaatgg atcacttcca gaagttcctt ccaacagtgg ggggacagct 360
 gggcacagct ggtcagggat tctcatcacag caagagcaac ggcagaggcg gcagccaggc 420
 agggggcagt ggctctgccg gacagtatgg ctctgatcag cagcaccatc tgggctctgg 480
 gtctggagct gggggtacag gtggtcccgc gggccaggct ggcagaggag gagctgctgg 540
 cacagcaggg gttggtgaga caggatcagg agaccaggca ggcggagaag gaaaacatat 600
 cactgtgttc aagacctata tttcccatg ggagcgagcc atggggggtg acccccagca 660
 aaaaatggaa cttggcattg acctgctggc ctatggggcc aaagctgaac ttcccaaata 720
 taagtcttc aacaggacgg caatgcccta tgggtgatat gagaaggcct ccaaacgcat 780
 gaccttccag atgcccgaag tttgacctgg ggcacctggc tgagtgaac ccctgggtcc 840
 ttctacaacc aaaacctctc caacagggcc ttcttttcaa tcgaaccccc tattccctg 900
 gctggagctc tgggggagcc tgtagactac aacgtggata ttggcatccc cttggatgga 960
 gaaacagagg agctgtgagg tgtttctctc tctgatttgc atcatttccc ctctctggct 1020
 ccaatttgga gagggaatgc tgagcagata gccccattg ttaatccagt atccttatgg 1080
 gaatggaggg aaaaaggaga gatctacctt tccatccttt actccaagtc cccactccac 1140
 gcacaccttc tcaccaactc agagctcccc ttctacttgc tccatatgga acctgctcgt 1200
 ttatggaatt tgctctgcca ccagtaacag tcaataaact tcaaggaaaa tgaaaaaaaa 1260
 aa 1262

<210> 8370
 <211> 1627
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (573)...(1063)
 <223> similar to gi5262686 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 8370
tgccaacaat tgggcacgag ggctggaaa gctgtacctg caccttcaag gaccgcagta 60
aacttcgaga gcacctccgc agccataccc aggagaaagt ggtagcctgc cccacctgtg 120
ggggcatgtt tgccaacaat accaagttct tagatcacat ccgtcgccag acctcattgg 180
atcagcagca cttccagtgt tctcaactgt ccaagagatt tgccacagag cggctattgc 240
gggaccacat gcgcaaccat gtgaatcact ataagtgcc tctgtgtgac atgacctgcc 300
cgctgccttc ctccctccgc aaccacatgc gctttcgtca cagtgaggac cggcccttta 360
aatgtgactg ttgtgactac agctgcaaga atcttattga cctccagaag cacctggata 420
cccacagcga ggagccagcc tacagggtgtg attttgagaa ctgcaccttc agtgcccgat 480
ccctctgctc tatcaagtcc cattaccgca aagtacatga aggagactct gagccaaggt 540
acaaatgtca tgtgtgtgac aaatgcttca cacggggcaa caacctcacc gtgcaccttc 600
gcaagaagca ccagttcaag tggccctcag ggcatccccg ttttcggtac aaggaacatg 660
aagatggcta tatgcggctg cagctggttc gctacgagag tgtagagctg acacagcaac 720
tgctgcggca accacaagag ggatcgggcc tgggaacgtc gctgaacgag agcagcctgc 780
agggcattat tctagaaaca gtgccagggg agccaggacg taaggaagag gaagaggagg 840
gcaagggtag cgaagggaca gccctctcag cctctcagga caaccccagt tctgtcatcc 900
acgtggtgaa tcagaccaat gcccgaaggc agcaagagat tgtctactat gtgctgtctg 960
aagccccagg ggagcctccc ccagtccctg agccaccttc agggggcatc atggaaaagc 1020
ttcaaggaat agctgaggag ccagagatcc agatggtttg aaggccgcag agccagacca 1080
tttcttcccc aggtcctgaa gtttgagcca ggcaagtggc agtgccccta gtgggcagcc 1140
gttgccaatg gatgccttta ggagtgtgtc cgagagcagt gtggtccact ctggcctggg 1200
tttgcatcat tctgcagact ctaaagactt cccttttctg ccagactaca ttttgtgggg 1260
agcctgagga ctctggattc tttgagggga tcttggtgtg gtgtgttctt gttaaagagg 1320
ctgttatcag gcttaactat aacctcaag atctgcttga cagtgattaa atccttagct 1380
cacatccatt cccatctttc gggctcctta ggcccaagga tggcatgtga ctggtccctg 1440
caagggctct ttctttgtca ccagccaagg cattgataac caagtagcca ttttctctt 1500
aaggtttcct ctacaacccc aaggactttc atgattatcc tcagggacag gattggaggc 1560
attgagcgtg tttattaaca aattgttttt ggtaataaaa taaatgcttg gactcttaaa 1620
aaaaaaa 1627

```

```

<210> 8371
<211> 4976
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (103)...(4500)
<223> similar to gi407097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 8371
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cccttctacc agaagagaca taggcacttc gaccagtcct accgtaatat tcaaacacgg 180
tacctgctgg acgaatatgc gtcaaaaaag cgagcttcca cccaggcatc ttcccagaag 240
tccttgagtc agcggctcgtc ttcacagaga gcctccagcc agacgtccct gggaggaacc 300

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cacgccccca	ccacacgcct	gggagccagg	ggccgctcct	gcccagcagc	ccgggtgtct	1020
gatcgccccg	caagctgggt	tcccgcattg	cgcgaccccg	ggtgactgcc	cagagctgcc	1080
gccagacctc	ctgctagctg	agccggccga	acccgcgcca	gctccggcgc	ctgaggagga	1140
ggcgaggggc	ccggccgccc	ccctggggccc	ccgcggaccg	ctgggctccg	gcccaggcgt	1200
ggtgctgtac	ctgtgccccg	aggcgctgtg	cgggcaaac	ttcgccaaga	agcaccagct	1260
gaagatgcac	ctgctgacgc	acagcagcag	ccagggccag	aggcccttca	aatgccccct	1320
gggtggctgc	ggctggacct	taccacacct	ttacaagctc	aagaggcacc	tgcagtcgca	1380
cgataaactg	cggcccttcg	gctgccctgc	ggagggctgt	ggcaagagct	taccacacct	1440
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gtgcgaggag	agcttcccc	cgcaggccaa	actcggcgcc	caccagcgca	gccacttcga	1560
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tgctctgttt	tcccataaac	gtgcccattt	cagggaacag	gaactgtttt	cctgctcttt	1680
ccctggctgc	agcaagcaat	atgacaaggc	ttgtaggctg	aaaattcacc	tgcggagtca	1740
caccgggtgag	agacctttcc	tttgtgactt	tgatggctgt	ggctggaact	ttaccagcat	1800
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ggaaggctgt	gggaaatctt	tacagagggc	cgaacatctg	aaaggccaca	gcattaccca	1920
cctgagcaca	aagcctttcg	tgtgtcctgt	ggcaggctgc	tgtgccaggt	tctctgctcg	1980
cagtagcctc	tacattcact	ccaagaaaca	cctgcaggat	gtggacactt	ggaaaagccg	2040
ttgcccgatc	tcctcttgta	ataaactctt	cacatccaag	cacagcatga	agacgcacat	2100
ggttaaaaagg	cataaggtgg	gccaggatct	cttagctcag	ctagaagcag	caaattctct	2160
tacaccacag	agtgaactta	ccagccagag	acagaatgat	ctcagtgatg	cagagatagt	2220
gtctctcttc	tctgatgtac	ctgacagtac	ttctgctgca	ttgctggaca	cagcattggg	2280
gaactctgga	atcttgacta	ttgatgtggc	ttctgtgagc	tcgactctgg	cagggcacct	2340
ccctgcta	aataataatt	ccgtagggca	ggctgtggac	cctccgtcct	tgatggccac	2400
cagcgacctc	cctcaaagtc	tggatacctc	tctctttttt	ggaacggcgg	ccactgggtt	2460
tcagcagagc	tccttaata	tggatgaggt	ctcaagtgtg	agtgtggggc	cattgggatc	2520
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taagctaaca	gtggacacag	atactctgac	tccttcgagc	accctttgtg	aaaacagtgt	2640
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tggacaggag	ggagaaaacc	agtttggtat	ccccaatgca	gcaggaaacc	atggttctca	2760
gaaagaaaga	aatcttatca	ctgtgactgg	cagctcattt	ttggatatga	gcaactctat	2820
tcattccttg	ccatgtggct	aacttttatt	acagtcaatt	ttgaggatat	tctggactaa	2880
atattttaagt	gcagtcatt	tctttttggt	ttgcaaaaag	agcacagccc	tggactatga	2940
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<210> 8373

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(988)

<223> similar to gil945271 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8373

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gtacctgcca	gagaacgacc	tgaagcggct	atgtgactac	gtttgtgacc	tcctcttaga	180

agatgcaaat	gttcagccag	tatcaacacc	agtaacagtg	tgtggagata	tccatggaca	240
gttttatgac	ctttgtgaac	tgttcagaac	tggaggtcag	gttcctgaca	caaactacat	300
atztatgggt	gattttgtag	acagaggtta	ctatagtttg	gagaccttca	cttaccttct	360
tgcattaaag	gctaaatggc	ctgatcgtat	tacacttttg	cgaggaaatc	atgagagtag	420
acagataaca	caggtctatg	gattttatga	tgagtgccaa	accaaatatg	gaaatgctaa	480
tgcctggaga	tactgtacca	aagtttttga	catgctcaca	gtagcagctt	taatagatga	540
gcagattttg	tgtgtccatg	gtggtttatc	tcttgatatc	aaaacactgg	atcaaattcg	600
aaccatcgaa	cggaatcagg	aaattcctca	taaaggagca	ttttgtgatc	tggtttggtc	660
agatcctgaa	gatgtggata	cctgggctat	cagtccccga	ggagcagggt	ggcttttttg	720
agcaaaggtc	acaaatgagt	ttgttcatat	caacaactta	aaactcatct	gcagagcaca	780
tcaactagtg	cacgaaggct	ataaaatttat	gtttgatgag	aagctggtga	cagtatggtc	840
tgtcctaata	tactgctatc	gttgtggaag	tattgcttcg	atcatggtct	tcaaagatgt	900
aaatacaaga	gaaccaaagt	tattccgggc	agttccagat	tcagaacgtg	ttattcctcc	960
cagaacgaca	acgccatatt	tcctttgagg	ccttcgcccc	tcctgctgac	ccatttttct	1020
gcctctcttc	tacccaattt	ttcttgtatt	accctctaca	atatactttt	tattgagcac	1080
tttgtctctg	aaatgctgcc	tcttgccctt	ttttttttta	aatttttaaa	tatctaaatt	1140
tattgttggt	ggggggtg	tatgacaaag	tttttctatc	aattttcccc	catccccatc	1200
ccaccctgga	ctcatttgag	aagacttgag	aaatgtctta	atactcacac	tgctgcatgt	1260
agctcttgct	tattttactg	tctggggaac	aggatgtggt	tccttttttt	aaaagccaat	1320
tgacagatta	cacctaaata	ctcctccttt	tgtatcattc	agccttttgt	tttagtttgg	1380
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tttaaatgga	tataaaataa	attggtctaa	agggtgccc	tccttggtgt	gttttttaaa	1560
tttagttaaa	aactgctaca	gcttatgact	ttgtacttta	agataattgt	attgatcttt	1620
tttcagattc	cttgatattt	ttataaaagt	aatctttaa	aaaactcaga	taggttaagt	1680
gttagaaaatt	ttaaacagct	tacattgtta	gcgtaaagtt	atcttttctt	ttttccta	1740
cagagttctt	gaccctttgg	ttattgagtt	taaaacttca	attgaaattc	aatagtattt	1800
atttttgaaa	aaaatcacta	aactgtgcct	aaagaacata	actgccatat	taatgttttg	1860
gtttatatcc	tctatagtaa	tagaaaaaca	tttaatactt	gtaatgctga	tgtgttaatt	1920
tgataccagt	tgagtagaat	gtgatcaatc	cagttttaca	tctatcatga	gtattattaa	1980
ctaaaaatcta	tgtgcttttc	aataggaatc	attcttctct	tgtctgaaca	cttgacctta	2040
acttttagaa	agtgttcatt	tttaaactgc	aactggaaag	gttgaaaagt	taggactctt	2100
gtattttgtga	actgtaatct	gaagcagatt	atttaaagtg	tagaaaaaga	aacaagttct	2160
tttttgcaaa	ggtctgtgat	accataattc	agcttttgtg	aagtaatttg	aatatccaaa	2220
gggttggtg	gatcagttct	gcaatatgca	ctgtccactt	aataaggaca	agtattccag	2280
tatctcttat	gactgtagtc	ataaatgatg	ttggaattga	cattttgtga	aatagttggt	2340
atccctttac	tatgattaat	ttttgttatt	ccaggaaata	cttgtgaagc	cagccaatta	2400
ataaagcact	ttagcatctg	ttcaggtagt	tttgaaaacc	aacttttccc	cttcaggata	2460
agaacttcca	ggttacctaa	aaatgcaata	aaaatcttta	tagtctaagc	ttt	2513

<210> 8374

<211> 2249

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (240)^{-} \dots (1094)$

```
<223> similar to gi214002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 8374
gcgaccgcac ccccgccg ccgctgtctt ctgcccctac aagggtttggg ccgaggtggg 60
ggaggggtcct gggtgccggc cccgcccggg ccctccccgc ctttttaggcg cccgctggc 120
cgggacgtcc cagtcgccgt ccgtccctcct cgctgccac cgggtgcaccc agtcggctca 180
cccagcccag tccgtccggg cctcaccgcc tgccggccgg cccaccccc accgcagcca 240
tggaagccat caagaagaag atgcagatgc tgaagctgga caaggagaac gccatcgacc 300
gcgccgagca ggccgaagcc gacaagaagc aagctgagga ccgctgcaag cagctggagg 360
aggagcagca ggccctccag aagaagctga aggggacaga ggatgaggtg gaaaagtatt 420
ctgaatccgt gaaggaggcc caggagaaac tggagcaggc cgagaagaag gccactgatg 480
ctgaggcaga tgtggcctcc ctgaaccgcc gcattcagct ggttgaggag gagctggacc 540
gggcccagga gcgcctggct acagccctgc agaagctgga ggaggccgag aaggcggctg 600
atgagagcga gagaggaatg aaggctcatcg aaaaccgggc catgaaggat gaggagaaga 660
tggaactgca ggagatgcag ctgaaggagg ccaagcacat cgctgaggat tcagaccgca 720
aatatgaaga ggtggccagg aagctggtga tcctggaagg agagctggag cgctcggagg 780
agagggctga ggtggccgag agtaaagtgt gggacctaga ggaggagctg aaaattgtta 840
ccaacaactt gaaatccctg gaggccagg cgacaagta ttccaccaa gaagataaat 900
atgaagagga gatcaaactg ttggaggaga agctgaagga ggctgagacc cgagcagagt 960
ttgccgagag gtctgtggca aagttggaga aaacctatga tgacctagaa gatgaagtct 1020
atgccagaa gatgaagtac aaggccatta gcgaggaact ggacaacgca ctcaatgaca 1080
tcacctccct ctgagcccca cgccagcgtg gccacctcag ctctcttctc tcctctcctt 1140
tccattctct ctatggggag gggagcaggc aggaggagca gaaattgcca acattgcaca 1200
gccaggtctg gagcagccta gggagagccc ccatcatgcc caccacccac tctggcactg 1260
gcttcatcct ttacctatcc ccttccaccc tcctttgctg cttaataaat tctgaacttg 1320
gactccatgc tgttttctct ccctccagag agcacctcta tcgccaccac ggagcactgg 1380
ttcactcctg acaccctggc acttactgac acccccagcc cctgcaactga gcccacccac 1440
aaaacaccat ggcccacgt gaaacccctc tgcacaggca ctccctggct gtcgctctct 1500
gattcaccac tgcatgtggg cacgtgtggc cccatcaaac catgaccgcc tctggtgcca 1560
atccctgacc tcagagcact tagctggggg tccaggatca aacagagtga ctggaaagga 1620
agtagggtgg tgaggtgcag gacaggggca agaagggttg aaaagggtctg gaatggagct 1680
tggaaaaaat ttggatatca gcaacatggg gctttcactg cagcagcagg tctgttttct 1740
acctcaagtc tgtctgtctg gcccttccct tcctggcgca gtctttgtct taccttctgt 1800
ctccaacttc cttaaaccct ctaaagaaga ggataaagta gtttatgact cagccctccc 1860
caccacacct ctatgacccc aaggccttga tctgaggcat ccacgtccgt cctgttcccc 1920
tcacccatgt cagtcacatc ggtttgtccc tgccatgggg ccctgaaggc cctggaatgc 1980
atgtgtcttc cttgaaccac tccgatgtct atatgtcacc tccccctggc cctgcctccc 2040
cacgtctccc ccttgtgggt tcccttctcc ctcacctgct gcttccccct acagagacct 2100
tggccagtgc caaggaggag aacgtcgaga ttcaccagat tcttggaaca gaccctgctg 2160
gaactcaaca acctgtgagg gccagcccca ccccagcca ggctatgggt gccaccccaa 2220
cccaataaaa ctgatgttac tagcctctc 2249

```

<210> 8375

<211> 3176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1118)

<223> similar to gi4105412 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8375
tttcgtctcc cactcgagct gcccccgccc tctggaccgg agtgactcag gcctttgttt 60
gtccttcctg gtagaggcgg gtccctccccc tcggcaagat gccggagtg tgggatggg 120
aacatgacat cgagacaccc tacggccttc tgcatgtagt gatccggggc tcccccaagg 180
ggaaccgccc agccatcctc acctaccatg atgtgggcct caaccacaaa ctatgcttca 240
acaccttctt caacttcgag gacatgcagg agatcaccaa gcactttgtg gtgtgtcacg 300
tggatgcccc tggacaacag gtgggggcgt cgcagtttcc tcaggggtac cagttcccct 360
ccatggagca gctggctgcc atgctcccca gcgtggtgca gcatttcggg ttcaagtatg 420
tgattggcat cggagtgggc gccggagcct atgtgctggc caagtgtgca ctcatcttcc 480
ccgacctggg ggaggggctg gtgctgggtg acatcgaccc caatggcaaa ggctggatag 540
actgggctgc caccaagctc tccggcctaa ctagcacttt acccgacacg gtgctctccc 600
acctcttcag ccaggaggag ctggtgaaca acacagagtt ggtgcagagc taccggcagc 660
agattgggaa cgtagtgaac caggccaacc tgcagctctt ctggaacatg tacaacagcc 720
gcagagacct ggacattaac cggcctggaa cgggtgcccc tgccaagacg ctccgctgcc 780
ccgtgatgct ggtggttggg gataatgcac ccgtgagga cggggtggtg gagtgcact 840
ccaaactgga cccgaccact acgaccttcc tgaagatggc agactctgga gggctgcccc 900
aggtcacaca gccagggaag ctgactgaag ccttcaaata ctctctgcaa ggcatgggct 960
acatgccctc agccagcatg acccgctgg cacgctcccg cactgcatcc ctaccagtg 1020
ccagctcggt ggatggcagc cgcccacagg cctgcaccca ctgagagagc agcgaggggc 1080
tgggccaggt caaccacacc atggaggtgt cctgttgaag cccttgatcc cgctgacgac 1140
gcccacgtcg agggcccacc gccatccttg cgccggtca tgttcccttt agtttatttt 1200
tgtgagggca aaggggagga aatggggttc tgtttgaaaa aaatgagggg atcttagatg 1260
ctgcagcaga acagtctcca ggtgttttaa ggggctcagt cctcctcatc ccatctcact 1320
ctccgtggta acttagccaa cttgaccctc ctcatcccca tcccggcggc ccaggcacag 1380
aagggcaggg ccatagggag ggagatctgc tacggatcca ggtcattcct gggtagagcc 1440
ttgggcaggg atgtttggag atgagagagg cttcgagagg gtgggtgctg ggccacaggg 1500
gtgcggggcc agctcaggca ctggcgtggg agccctggga gacccttcc cccacctcc 1560
accaagcaca cctgtttctg tctcatagca catgtgacaa tcatctggac aacagccaca 1620
agggggcgct cggaccaggc agccactttc ctggtgctct ctgggcccag ctggtgctgt 1680
agggccaagc aggcaggggc gtcaagggtt ttctctgccc aagggaagaca gaacatggag 1740
aaccgtcagg gcaggaaccc cacagactgt cccttccagc ccacactctg ccacctctg 1800
gccctgtccc aattctgagc caaggcctcc ccgaggcaga agttgcctgg tcctctgtcc 1860
ccacagtgac ctgactgggg gtgagggaga aggaggagag agcccatgtg tgggtgtgtg 1920
gcccctgaga acttcgtggg gactgccttt gggagcccgc aggtggccag aggcaggggt 1980
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caagggtcag gtagaagaga aaggcttccc ctacacccca gcctcctgct gtcccctgaa 2280
gcccaggact gcgttgatg ctttccatcc actcacctta ccccatagca tcttgcggcc 2340
cagaaaccag agccatttgt ctgagacctt aaatcaataa tcacaaaccc caaaacggga 2400
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cttctgaata ctgaatgtga ctgtttgaaa gctggtagaa ttcatccctc ttactgtaga 2640
taacactgca aatcttgga ttttgttttt tgctgtttcc agatgtatct ataaatatct 2700
atacattata tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tacatcggt cctcccatgt 2760
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cttctccgca caaagtaaag agcctaattt tgtgtattct ggtggctgct gtcattgagat 2880
gataaaatgt aaaacaaaac tctagtcaac gtagaaagag ttaactgtgc tgaaaaacta 2940
ataaagaacc taagaagaat tccagtgtgg tgatgccatg cccatcatgg gaggcctttt 3000
ggagaaacag aatgtttggg caggggctgc tgggtgctgt ttgggttttt ggggttaggg 3060
tgctaggaga ggatggtctc caccatctt tctatttcca gtacacgtca cattatttta 3120
ccggtgagat gagaatgtca caaacattaa aagccttatg tgctctaaaa aaaaaa 3176

```


<210> 8376
 <211> 1615
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (44)...(1392)
 <223> similar to gi4886449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8376

ctgattacgc	ttagcttggc	acgacggggc	gcgctggccc	ctggggacgc	cgagggcggc	60
tgcgacgcgc	cgagaggccg	cggctctccc	acctgtcacc	ctggcccttc	tctgcttgga	120
tgggtgtcttc	ctctcctcag	ccgagaatga	cttcgtccac	cggatccagg	aggaactgga	180
ccgctttctg	ctgcagaagc	agctgtcaaa	ggttcttctt	ttccccccac	tctccagtcg	240
cctccggtag	ctgatccata	gaacagcaga	gaattttgat	ctcttgagca	gcttctccgt	300
tggggagggc	tggaagagga	ggacgggtcat	ctgtcaccag	gacatcaggg	taccagttc	360
ggatggcctc	tctggcccct	gccgcgctcc	tgctcctgc	cccagcaggt	accacgggtcc	420
tcggcccata	tccaaccaag	gagcagctgc	ggttccccga	ggtgcccggg	ctggccggtg	480
gtatcgtgga	cgcaagcctg	accagccttt	gtatgtgcc	cgggtgctgc	gcaggcagga	540
agaatggggg	ctgacctcta	cctcgggtgct	caagagagag	gccccagctg	gcagggaccc	600
agaagagcct	ggagatgttg	gtgctggaga	ccccaaactct	gatcagggac	tccctgtgct	660
gatgactcag	ggaacagagg	acctaaaggg	cccaggacaa	aggtgtgaga	atgagccact	720
gctggacctt	gttggccctg	agcctctggg	gcctgagagt	cagtcaggga	agggagacat	780
ggtggagatg	gccacacggg	ttgggtccac	cctgcagcta	gacctggaaa	aggggaagga	840
gagtctgttg	gagaagaggc	tgggtggcaga	ggaggaagag	gacgaagagg	aggtggaaga	900
ggatggcccc	agcagctgct	cggaggacga	ttacagttag	ctgctgcagg	agatcacaga	960
caacctgacg	aagaaggaga	ttcagataga	gaagatccat	ttggacacgt	cctccttcat	1020
ggaggagctg	cctggagaga	aggaccttgc	ccacgtggta	gagatctatg	actttgaacc	1080
agcgtcaag	acggaggacc	tgtctggcaac	gttttctgag	ttccaagaga	aggggttcag	1140
gattcagtgg	gtggatgata	ctcacgcact	cggcatcttt	ccctgccggg	cctcagctgc	1200
ggaagccctg	acccgggagt	tctcgggtgct	caagatccgg	cccctcacgc	agggaaccaa	1260
gcagtcaaag	ctcaaagcct	tgcagaggcc	aaaactcctg	cgtctggtga	aggagaggcc	1320
acagacaaat	gcgactgtgg	cccggcggct	ggtggcccgg	gccttgggac	tccaacacaa	1380
aaagaaagag	cggcctgctg	tccggggctc	gctgccgcc	tgaggcctgg	agacccaact	1440
ggcctggatc	tgcgctcccga	cggtagctgg	cgcccccaac	accataagcc	ttcacagacg	1500
ccagagcagc	ccgcaccac	cctcgagctt	caccatgggg	tgtggtgggc	tttagtttag	1560
tcccagaaat	ggagaaaaaa	taaaaactca	cgttgttcta	atgtgaaaaa	aaaaa	1615

<210> 8377
 <211> 1143
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1144)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (865)...(496)
 <223> similar to gi200539 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8377
 tttttttttt ttagaagaca aaatgtttta ttttaaaaca ttgaaaaaac attaaaagac 60
 aaatgtccat tatgtaacca ggaatgttaa atatatggaa acggtaaatac tctaaaatgt 120
 ggtaggtact tccagagcta aatgttgcaa gttatcctac ttttttctct aatatcaaca 180
 atacctgata cgatgaaaaa taacaaaaag accttactaa ttatccaatc aaagtcacat 240
 tctttgggta aatttatatc aacacaactt aaagttttgt ccaagatgtt cctgacacat 300
 gaagcttcca gttgaatttc agaaatgtta acaaaagtat cttccttttt tgcctgtgaa 360
 tgtttgagta ttgctgtatt gttggcttat atccactaca gatactgggt ctaggccagc 420
 ccaaggatct tcaagcattg aaggcttgaa ataattttcc aactcattag acattctttt 480
 ttctctaaca cgccctgata caaatggtgt agatgtcctt ggagaaccct ggggggtgggt 540
 ctgctgctgc cctggggagt agccgaattg ctgctgggac cccgcggggg acctggagta 600
 ggagccaggg tagccgccag gggacggaga cccgaaccgg cccccggga agctgccgcc 660
 gtgtcgcgga gagtgaactgc tcccgtacgg cctagaccgg ggcccgtacg gcggcgtgtg 720
 gtgcggactc cgtaccctgt ctcgagggga gggcggccgt ggtccgcccc cgcccggggt 780
 tccccggaag ctgcttccgc taccccaacc tcctccaccc ggaccagggt aaggaggagt 840
 tgggggccga aaattctgtc gctgcatatc aggagccaaa gccgaaaacc tcgcagccgc 900
 gttctccac cggaactgta tcaaccggcc ctccgcagag aactgctagt cctttaccac 960
 aacagtcctc cgaccgcagc caccctacgg cacatcagtt ccggcgtcac aaaggttccg 1020
 ccaggggagg cgggattacc taaatcactg acttggcgag agactcagtg gatttaagtg 1080
 aaaagaggaa gaaaaggaga caggaaagga cggtcnccca agcccagcat catcctttcc 1140
 agt 1143

<210> 8378
 <211> 1125
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (568)...(670)
 <223> similar to gi402205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8378
 ctgctccatg agcaactggg aaattagttc aaagctctcc agggttttct tttattcatc 60
 gaggaagaag caggggaagca ataaaatgaa aagaaacagc aaataattaa gactgacacc 120
 atccccctcag tgccagccac ctactcacc caagtcttca tttaagtcag gaaataagat 180

tataaatgaa	gatttttttt	tcctctggca	acatgaatgc	aaagaaacat	ttccatcagc	240
acagagagat	cagcaggatg	cttatagaat	agaagactat	tcagtgcacag	ccaattcact	300
tgcaaattaa	gacacattca	ctgaagatgc	cctatatgtt	ccactaaaat	gttttttttt	360
ttgatatagg	gttgggggca	ggggtggttt	gttgcaggcc	actgtgtaca	catagcttat	420
ctgtcactcg	agatgaaaaga	gttcctgcaa	actaaccaga	gaacgttccc	caataccctg	480
tacattattg	gaattcatgg	aggggagaaat	tcaaaaaggaa	gatggagtga	agactgaata	540
acacaaaact	gttctcttct	actttaagga	aaacccaaaa	gtgacactgt	ggattttcac	600
tgttctaagc	tccccgtgac	ctgtggtgag	gcgaaaaggga	ttttatataa	gaagaaaatg	660
aaacacggtg	agttccttgg	tcttctgctc	tttggaatcc	ctagatgaag	gactcactag	720
aaggaggaggaa	aatacccggtg	tgtgtaattg	atcaggaaat	ggaccctgct	agctagactg	780
cagaagaaac	gcttcttagg	aaggaaatttc	caaactcttc	cacatcatgg	tatttctggc	840
aatcagaccc	tccactccca	cctggaagtc	acccatgggc	cctgctgtac	tgacagccat	900
gtccttgctg	catgtaggca	ctacacgaat	gcacattctg	tcccacccct	caccactcag	960
tcaggcttta	gggctggctt	cagtccaaga	gaagaggccc	gcagactccc	ctgctactcc	1020
ttccacctca	cagaggaagt	ctctcttgac	ctggaaaggt	agaaggccac	aattaggatg	1080
aagaggttca	cgggtgaattc	acagaggatg	ggggtagatc	caaga		1125

```

<210> 8379
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(769)
<223> similar to gi5852981 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8379						
gattattaaa	gcttcgcggg	agccgcgggt	cgtccttcca	ctccgccagc	ctccgggaga	60
ggagccgcac	ccggccggcc	cgggcccagc	cccatggacc	tccgagcagg	ggactcgtgg	120
gggatgttag	cgtgcctgtg	cacggtgctc	tggcacctcc	ctgcagtgcc	agctctcaat	180
cgcacagggg	acccagggcc	tggcccctcc	atccagaaaa	cctatgacct	cacccgctac	240
ctggagcacc	aactccgcag	cttggctggg	acctatctga	actacctggg	cccccttttc	300
aacgagccag	acttcaacct	tccccgcctg	ggggcagaga	ctctgcccag	ggccactggt	360
gacttgagg	tgtggcgaag	cctcaatgac	aaactgcggc	tgaccagaa	ctacgaggcc	420
tacagccacc	ttctgtgtta	cttgcggtgg	ctcaaccgtc	aggctgccac	tgctgagctg	480
cgcgcgagcc	tggcccactt	ctgcaccagc	ctccagggcc	tgctgggcag	cattgcgggc	540
gtcatggcag	ctctgggcta	cccactgccc	cagccgctgc	ctgggactga	acccacttgg	600
actcctggcc	ctgcccacag	tgacttcctc	cagaagatgg	acgacttctg	gctgctgaag	660
gagctgcaga	cctggctgtg	gcgctcggcc	aaggacttca	accggctcaa	gaagaagatg	720
cagcctccag	cagctgcagt	caccctgcac	ctgggggctc	atggcttc		768

```

<210> 8380
<211> 698
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(701)

<223> similar to gi3402216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8380

cacagataaa	gataagtttt	actgtcatgc	tgcttttaac	ataacagagc	aacatcacct	60
aggaaaaaag	ttttagtagg	gatttttaaat	ccatataattt	gtcttatggc	tagataaaga	120
tttctctgaa	aaaaagaagc	atgtcaggaa	tctctgggtg	cccccttttc	ctctggggac	180
ttctagcatt	gttgggcttg	gctttgggta	tatcactgat	cttcaatatt	tcccactatg	240
tggaaaagca	acgacaagat	aaaatgtaca	gctactccag	tgaccacacc	aggggttgatg	300
agtattatat	tgaagacaca	ccaatttatg	gtaacttaga	tgatatgatt	tcagaaccaa	360
tggatgaaaa	ttgctatgaa	caaattgaaag	cccgaccaga	gaaatctgta	aataagatgc	420
aggaagccac	cccatctgca	caggcaacca	atgaaacaca	gatgtgctac	gcctcacttg	480
atcacagcgt	taaggggaag	cgtagaaaagc	ccaggaaaca	gaatactcat	ttctcagaca	540
aggatggaga	tgagcaacta	catgcaatag	atgccagcgt	ttctaagacc	accttagtag	600
acagtttctc	cccagaaagc	caggcagtag	aggaaaacat	tcatgatgat	cccatcagac	660
tgtttggtg	gatccgtgct	aagagagaac	ctataaac			698

<210> 8381

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(1118)

<223> similar to gi403144 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8381

aattcccggg	tcgacgattt	cgtggcgcgc	atggcgcccc	gaaccctcgt	cctgctactc	60
tcggggggctc	tggccctgac	ccagacctgg	gcgggctctc	actccatgag	gtatttcttc	120
acatccgtgt	cccggcccgg	ccgcggggag	ccccgcttca	tcgcagtggg	ctacgtggac	180
gacacgcagt	tcgtgcggtt	cgacagcgac	gccgcgagcc	agaggatgga	gccgcgggcg	240
ccgtggatag	agcaggaggg	tccggagtat	tgggacgggg	agacacggaa	agtgaaggcc	300
cactcacaga	ctcaccgagt	ggacctgggg	accctgcgcg	gctactacaa	ccagagcgag	360
gccggttctc	acaccgtcca	gaggatgtat	ggctgcgacg	tggggtcgga	ctggcgcttc	420
ctccgcgggt	accaccagta	cgcctacgac	ggcaaggatt	acatcgccct	gaaagaggac	480
ctgcgctctt	ggaccgcggc	ggacatggca	gctcagacca	ccaagcacia	gtgggaggcg	540
gcccattgtg	cggagcagtt	gagagcctac	ctggagggca	cgtgcgtgga	gtggctccgc	600
agatacctgg	agaacgggaa	ggagacgctg	cagcgcacgg	acgcccccaa	aacgcatatg	660
accaccacc	ccatctctga	ccatgaagcc	accctgaggt	gctgggccct	gagcttctac	720
cctgcggaga	tcacactgac	ctggcagcgg	gatggggagg	accagacca	ggacacggag	780

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ctcgtggaga ccaggcctgc aggggatgga accttccaga agtgggcggc tgtggtggtg      840
ccttctggac aggagcagag atacacctgc catgtgcagc atgaggggtt gcccaagccc      900
ctcaccctga gatgggagcc gtcttcccag cccaccatcc ccatcgtggg catcattgct      960
ggcctgggtt tctttggagc tgtgatcact ggagctgtgg tcgctgctgt gatgtggagg     1020
aggaagagct cagatagaaa aggagggagt tactctcagg ctgcaagcag tgacagtgcc     1080
cagggctctg atgtgtctct cacagcttgt aaagtgtgag acagctgcct tgtgtgggac     1140
tgagaggcaa gagttgttcc tgcccttccc tttgtgactt gaagaacctt gactttgttt     1200
ctgcaaaggc acctgcatgt gtctgtgttc gtgtaggcat aatgtgagga ggtggggaga     1260
ccaccccacc cccatgtcca ccatgacctt cttcccacgc tgacctgtgc tccctcccca     1320
atcatctttc ctgttccaga gaggtggggc tgaggtgtct ccatctctgt ctcaacttca     1380
tggtgcaact agctgtaact tcttccttcc ctattaaaat tagaacctta gtataaattt     1440
actttctcaa attcttgcca tgagaggttg atgagttaat taaaggagaa gattcctaaa     1500
at ttgagaga caaaataaat ggaagacatg agaaccttcc aaaaaaaaaa     1549

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<210> 8382
<211> 1192
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(406)
<223> similar to gi2995181 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8382
agtttgtagc ggacaacatg gcggccttca tgctgggctc gctgctgcgg acgttcaagc      60
agatggttcc ttcacagct tcaggccaag ttcgaagtca ctatgtagac tggagaatgt     120
ggcgcgatgt gaagagacga aaaatggcct atgaatacgc agatgagagg ctacgtatta     180
attcaactcag gaagaatacc attttgccaa aaattcttca ggatgtggct gatgaagaaa     240
ttgctgcccct ccccggggat agctgtcctg ttagaatcag aaatcggtgt gttatgacgt     300
cccgctccgcg tgggtgtgaag cggcgctgga ggcttagtcg tatagtcttc cgtcacttag     360
ctgaccatgg gcaactttct gggatccagc gagcgacatg gtaaatgagc tccagaacct     420
attgagcttg caggggaagcc aagcttgcag ttccagcaag caaagatttt ttttaataga     480
ccaaacccta atctctacag gggcccagta cagttgtttg gcctacctga tgctatctct     540
aaactacttt taaaatgaag acatttgggt gtttcgtgtc agtgaattat cttttctctt     600
ggacttaaca aacatactgt tcccatacat agtacaaga gtagcataat aaatattttc     660
tgtgaatgtt ttttataccc tccttttaag tttaatcttt tagtaacata taggggtttt     720
tgtattaaga gcattatttc ataaaatgct atcttataca taatccaact aattgacatg     780
tagctcatgt atggcagttt gtaatcctgg actagctttg ctgacctgca gagctcccct     840
taactattat tgtagataa acagattgga tagcaaggct gctgttctgg attatctaata     900
gctccacttc ttcttgtgat ggctgaacaa aagaacctact aagtgttttc ttgtccatcc     960
ttaagggact ttaaaacaaa ttatgcctct ttaagtcctt gaaagtctcc atctaagagag    1020
gaaaagtttg ttggaacagt atatattccc tattttbcac ggttatttaa tccataacag    1080
aaatgagtaa gggtagcaca aagttctcat tcagtaactc aacagtgtga tcatcagccc    1140
agtataaaaa atatacatat tgaatgvgvg tacctactta ccatcaggaa at          1192

```

<210> 8383
 <211> 1681
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (226)...(986)
 <223> similar to gi2852604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8383

atcagagcat	tagatcttgc	tggagatcct	acaagctata	agactttgca	gaaatgtcct	60
tctacagaac	cagaagaaaa	aggaaatatc	gtggaagaac	agccccagaa	aaataccacg	120
gagaaattgg	gtgtgtcagc	tcccaccata	cccgttagaa	ggcggctggc	ttgggataca	180
gagaacacaa	gtgaagacgt	acagaaacag	cccggggaga	aagaggagga	ggacgacaat	240
gaagaggaag	gggacaggaa	aacgggcaag	caggctttta	tgggagagca	agagaagttg	300
gatgtacatg	agaaatctaa	ggcagataag	atgaaagaag	ggtcagattc	ttctgtatcc	360
tcagaaaaag	gaggccggct	tcctactccc	aagctgagag	aacttggtgg	aatccagagg	420
actcatcatg	atctcactac	tccagctggt	ggtggtgctg	ttttagtgtc	tccatctaag	480
atgaagcctc	cagccccaga	acagaggaaa	agaatgacct	ctcaggattg	tttagaaact	540
tcaaagaatg	attttactaa	gaaagaaagt	cgtgctgtat	ccctactgac	ttctccagct	600
gctggtataa	aaacagttga	tcctctgcct	ttgcgggaag	attctgaaga	caatatccac	660
aaatttgctg	aggcaactct	tccagtttca	aaaattccaa	aatacccaac	aaatccccct	720
ggacagttgc	cttctccacc	acatgtttca	tcctactggc	atccctctcg	acgaattcag	780
ggctctctta	gagatccaga	gtttcagcac	aatgtgggaa	aagcaaggat	gaacaatttg	840
cagttacctc	aacatgaagc	ctttaatgat	gaagatgagg	acagattgtc	tgagatttct	900
gctcgctctg	cagcttctag	tctccgggct	tttcaaactc	tggcacgagc	taagaaaagg	960
aaggagaatt	tctggggtaa	aacataaacc	tagctgagtt	gcctttatct	aaggaaacat	1020
tggcataatt	tttctttatt	gcttactgtg	ttaaaatttt	ttgagtgaag	tttttcctaa	1080
cattttctac	tttgaaatat	ttaatttcca	atagaacagt	ttacttggaa	attgttaaca	1140
taggcttata	caaattttaac	ttttaagaaa	ttctttttac	atctatccca	gagtacaaag	1200
acctagatta	ttgaattctt	cacatgtaac	tttcgtaata	ggtgtcatgg	atagattttc	1260
acctatccag	agagtattct	aaaaaaataa	acaaagtga	gtaaaagtta	agatcccagt	1320
gtgaagtata	tattccccta	agatttgata	tatgtatctt	tataattgat	gatgttgaaa	1380
atgaatttgg	tggccccctt	aacccttgcc	tgtagtgttt	ctttttattt	tagttccctt	1440
cctatacatg	tttgccagtg	ttaagataat	tgtactttga	aaacacccag	ctgtatatat	1500
ttttccttat	ttatgtaacg	aaagtttgct	gaaagatatg	tatatTTTTg	atctttgagt	1560
gtattctatt	tgtgtaagga	ctttggctta	catttgaata	atgtctagat	tttgaaaaat	1620
tacctgtata	atggagaatt	aaaactttgt	agacattttg	aaataaaaaat	ggatcaagtg	1680
c						1681

<210> 8384
 <211> 3730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (3413)...(343)
 <223> similar to gi219942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8384

tttttttttt	ttccattata	atagccatct	ttattttgtaa	aaatccagat	ataaaatgta	60
ttcttttcagt	ctttccgggt	gttccttttt	tacaaaaaca	aaaaggcaca	taaaaacctt	120
ccccgctgtc	atttccacag	atggatgggt	ttcaggcagc	cctccccctt	ccccccatag	180
agctacatgc	ttcattccag	gacgtcttgc	ttccccacat	gctgcgggtg	tttccctacca	240
gggtagagtt	ccaaactcca	agactgaagt	acacaaagag	ggggtgggtg	tcggatgcag	300
agtgtgtggc	ctgatgctcc	acggcgtgca	ggacgggggg	ctaatagtag	gtttccttct	360
ccaccagacc	gccagggcgt	cgctgatga	tgagttttct	gacttcgtca	tatacgaaga	420
tgagaagaga	gtaggggaag	gcacagaacc	accaggtagg	tttgagggga	tacatcctaa	480
gagcaacacc	cattccaggg	cagtaggaaa	ggaaagcagc	cagggtctgtc	tcttcaaaga	540
ggccaaatat	caagatcttg	ttcttcatcc	cctgctggaa	gaccgaattc	ctcctggtct	600
tacagatgac	caagtcggcc	cactgcacca	ccacgatact	gacgaagaag	gctgtgtggc	660
aggtgaactc	cacgattttc	ctctgctcat	aggtccactg	ctgcccgtag	ctgtcttcca	720
catcgttgat	ccagcgggtc	tcccagttcca	ctcggaggcc	caacagggtga	attgggagga	780
agccgttctc	agccagaatc	acaaagtaag	taaagaagcc	tcccagggcc	tggatcattc	840
caatctgccc	ataggccatg	ctgatcagcc	gctcattcac	aagtttgtct	gttttgggat	900
ttctgggctg	tctcttcatg	atgtcactct	cagcctgtct	ataagccagg	gagatggcag	960
gaacctatgtc	agtgcaccaag	tcaatgcaga	ggatggtgac	agtccccagt	ggtagtggaa	1020
tgtttgcaat	aataaatatc	aggaacgggg	tgatctcggg	aatgttactg	gttaagggtat	1080
aagcaattgga	tttcttcaag	ttatcaaaga	tcagacgacc	ttcctctact	ccagtcacaa	1140
ttgaggcaaaa	gttgtcatcc	agaagaatca	tgtcagcagc	ttgcttggac	acatctgagc	1200
cagcaatccc	catagcaacc	ccaatgtctg	ctttcttcaa	agctggagag	tcattccac	1260
cgtcaccagt	cacagccacg	atagcacctt	gtctttggca	gccttccaca	atgatgagct	1320
tctgctgagg	ggaggtcctg	gcaaacacta	tctcagtgtg	gtacttcaaa	atgtcatcca	1380
gctgctcgga	ggtcatgtcc	tttagatcac	tgccgtgtac	tacgcaggcc	ttggcatccc	1440
tgggggttcac	ctggctgact	gggatgttga	ggcgggcagc	aatgtcttcc	acggtctcat	1500
tgcttcttga	gatgatgccc	acaccttttg	caatagcttt	agctgtgatt	ggatggtctc	1560
ctgtgaccat	gatgacctta	attccagcac	ttcgacattt	gcccacggca	tcaggaacgg	1620
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aacggtctag	gaccccttct	ggggcgccct	tcacaccaa	cagggtgttg	ggctccgatg	1920
tgttgggggt	cttatgaata	gacaactggt	acttgtttgt	ggagttgaag	ggtatctcga	1980
cgattttggc	gtatcttctt	ctcatctcct	tcacggaaac	acagcacagc	tctatgcact	2040
ttaagagtgc	tgactcagag	gcattctctg	caactgccc	cttaagaata	ggtaggtttt	2100
cctggttagc	ctgaaacact	gccctgttac	aaagacctgc	aattctggac	agagcaagcc	2160
aggtagctga	agtcttgtca	aaagagacac	cactctgatt	ctctgtcgta	tcagcttcat	2220
ggattttgatt	gtcaaaccac	atgtgggcca	ctgtcatccg	gttctgagtc	agagttccag	2280
ttttatcaga	gcagatgggtg	gacgtggacc	ccaaggtctc	cacagcttct	aagttcttca	2340
ctaagcagtt	tttcttggcc	atgctgttgg	cagtaagtgt	cagacagacc	gtgacagtgg	2400
ccagcaaacc	ttccggcaca	ttggctacga	tgataccgat	gaggaagatg	acagcctcaa	2460
gccaggtgta	ctcaaggatg	agagaaagga	tgaagaaaga	cacaccaggg	aacacagcca	2520
caccctgtgat	gatgtggata	aaatgttcaa	tttctgcagc	aatgggggtc	tggcctcctt	2580
ccagcccaga	agcaagtgtg	gcaattcttc	ccatcacagt	gcgatcccca	gtgtagacaa	2640
caataccacg	tgcggtgcct	tcaacacaat	ttgttgaaaa	gaaggcaatg	ttcctcgtct	2700
ccaggggggtt	ttcattttgtg	aaatctggag	acctagtctg	gggttctgat	tcaccagtga	2760
gcgaggagtt	atccaccttg	cagccatttg	cagatatgat	tctgagggtca	gcaggaattc	2820
ggtctcctcc	ttttacttcc	accagatccc	caaccacaac	ttcctccgca	tttatgtctca	2880
ttttctcacc	atttcgaatc	acaagggtct	gctgaggggac	catgtttttg	aaggattcca	2940

0045233.04160

<223> similar to gi2407950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 8387
tttcgtggag gagtttcagc ggatgcagat tctttctctg tcacccaggc tatagtgtgc      60
aggggcacga tctcagctca ctgcaacctc cacctcccgg gttcaagtga ttctcctatc    120
tcagcttccc tagtagctgg gattacaggc tcagctcctg gaactccgga caaacaacta    180
ccagctttca gatgaactac gcaagaatgg tgttgaactc accagtcttc gacagaaggt    240
cgcctacttg gataaggagt tcagcaaagc tcagaaggca ctgagcaaga gcaagaaagc    300
tcaggaagtc gaggtattgc tgagtgaana tgagatgctg caggcaaagc tgcacagcca    360
ggaggaggac ttccgtttgc agaacagcac actaatggcc gagttcagca agctctgcag    420
ccagatggaa cagctggagc aagagaacca gcaactgaag gagggggctg caggagcagg    480
ggttgcccaa gctgggccccg

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```

<210> 8388
<211> 2325
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (77)...(1565)
<223> similar to gi37187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 8388
tcccgctcg acgatttctg caccctcacc tgcggtgccc agctgccag gctgaggcaa      60
gagaaggcca gaaaccatgc ccatggggtc tctgcaaccg ctggccacct tgtacctgct    120
ggggatgctg gtcgcttcct gcctcggacg gctcagctgg tatgaccag atttccaggc    180
aaggctcacc cgttccaact cgaagtgccg gggccagctg gaggtctacc tcaaggacgg    240
atggcacatg gtttgacgac agagctgggg ccggagctcc aagcagtggg aggaccccag    300
tcaagcgtca aaagtctgcc agcggctgaa ctgtgggggt cccttaagcc ttggcccctt    360
ccttgtcacc tacacacctc agagctcaat catctgctac ggacaactgg gctccttctc    420
caactgcagc cacagcagaa atgacatgtg tcaactctct ggcctgacct gcttagaacc    480
ccagaagaca acacctccaa cgacaaggcc cccgcccacc acaactccag agcccacagc    540
tcctcccagg ctgcagctgg tggcacagtc tggcgccag cactgtgccg gcgtggtgga    600
gttctacagc ggcagcctgg ggggtaccat cagctatgag gcccaggaca agaccagga    660
cctggagaac ttctctgca acaacctcca gtgtggctcc ttcttgaagc atctgccaga    720
gactgaggca ggcagagccc aagaccagg ggagccacgg gaacaccagc ccttgccaat    780
ccaatggaag atccagaact caagctgtac ctccctggag cattgcttca ggaaaatcaa    840
gccccagaaa agtggccgag ttcttgccct cctttgctca ggtttccagc ccaaggtgca    900
gagccgtctg gtggggggca gcagcatctg tgaaggcacc gtggaggtgc gccagggggc    960
tcagtgggca gccctgtgtg acagctcttc agccaggagc tcgctgcggt gggaggaggt   1020
gtgccgggag cagcagtgtg gcagcgtcaa ctccatcga gtgctggacg ctggtgacct   1080
aacatccggg gggctcttct gtccccatca gaagctgtcc cagtgccacg aactttggga   1140
gagaaattcc tactgcaaga aggtgtttgt cacatgccag gatccaaacc ccgaggcct   1200
ggccgcaggc acggtggcaa gcatcatcct ggccctggtg ctctggtggt tgctgctggt   1260

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cgtgtgcggc ccccttgcct acaagaagct agtgaagaaa ttccgccaga agaagcagcg 1320
ccagtggatt ggcccaacgg gaatgaacca aaacatgtct ttccatcgca accacacggc 1380
aaccgtccga tcccattgctg agaacccac agcctccac gtggataacg aatacagcca 1440
acctcccagg aactcccgcc tgtcagctta tccagctctg gaaggggctc tgcattcgctc 1500
ctccatgcag cctgacaact cctccgacag tgactatgat ctgcatgggg ctcagaggct 1560
gtaaagaact gggatccatg agcaaaaagc cgagagccag acctgtttgt cctgagaaaa 1620
ctgtccgctc ttcacttgaa atcatgtccc tatttctacc ccggccagaa catggacaga 1680
ggccagaagc cttccggaca ggcgctgctg ccccgagtgg caggccagct cactactctgc 1740
tgcacaacag ctcggccgcc cctccacttg tggaagctgt ggtgggcaga gccccaaaac 1800
aagcagcctt ccaactagag actcgggggt gtctgaaggg ggcccccttt ccctgcccgc 1860
tggggagcgg cgtctcagtg aaatcggtt tctcctcaga ctctgtccct ggtaaggagt 1920
gacaaggaag ctcacagctg ggcgagtgc ttttgaatag tttttgtaa gtagtgcttt 1980
tcctccttcc tgacaaatcg agcgctttg cctcttctgt gcagcatcca cccctgcgga 2040
tccctctggg gaggacagga aggggactcc cggagacctc tgcagccgtg gtggtcagag 2100
gctgctcacc tgagcacaaa gacagctctg cacattcacc gcagctgcca gccaggggtc 2160
tgggtgggca ccacctgac ccacagcgtc accccactcc ctctgtctta tgactccct 2220
ccccaacccc ctcatctaaa gacaccttcc tttccactgg ctgtcaagcc cacagggcac 2280
cagtgcacc cagggccctg cacaaggggg cgcctagtaa acctt 2325

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<210> 8389
<211> 1519
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (405)...(1318)
<223> similar to gi5817855 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 8389
ccccgggtcga cgatttcgtg agaagtgagg ctgagtgagg tggggctctgc agggatccag 60
gtgggagggg cccagccagc caaggtcagg cccagcccc caaggtcagg cccagcccc 120
cggcaggagg acggggaccg cggccttttg gcagggctga cttggcactg accacaaggg 180
aggccctttt gcaatagggg aaaataagcc agatggataa aggaagtgtc ggtcaccttg 240
gaggtgcact ggtttgggga aggctcctgg cccccacagc cctcttcgga gcctgagccc 300
ggctctcctc actcacctca acccccaggc ggcccccca cagggccctc ctctgcctg 360
gacggctctg ctggtctccc cgtcccctgg agaagaacaa ggccatgggt cggcccctgc 420
tgctgccccct actgcccctg ctgctgccgc cagcatttct gcagcctagt ggctccacag 480
gatctgggtc aagctacctt tatgggttca ctcaaccaa acacctctca gcctccatgg 540
gtggctctgt ggaaatcccc ttctccttct attacccttg ggagttagcc acagctcccg 600
acgtgagaat atcctggaga cggggccact tccacaggca gtccttctac agcacaaggc 660
cgcttccat tcacaaggat tatgtgaacc ggctcttct gaactggaca gagggtcaga 720
agagcggctt cctcaggatc tccaacctgc agaagcagga ccagtctgtg tatttctgcc 780
gagttgagct ggacacacgg agctcaggga ggcagcagtg gcagtcctac gaggggacca 840
aactctccat caccaggct gtcacgacca ccaccagag ggtcacacag ggcaaacgac 900
cctggaggct cagtagcaca accaccacaa ccggcctcag ggtcacacag ggcaaacgac 960
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tgctcggaat catgattttg ggactgatct gcctcctcag gtggaggaga aggaaagggtc 1080
agcagcggac taaagccaca accccagcca gggaaccctt ccaaaacaca gaggagccat 1140

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atgagaatat	caggaatgaa	ggacaaaata	cagatcccaa	gctaaatccc	aaggatgacg	1200
gcacgtctta	tgcttccctt	gcctctctca	gctccacctc	acccagagca	cctcccagcc	1260
accgtccctt	caagagcccc	cagaacgaga	cctgtactc	tgtcttaaag	gcctaacca	1320
tggacagccc	tctcaagact	gaatggtgag	gccagggtaca	gtggcgacaca	cctgtaatcc	1380
cagctactct	gaagcctgag	gcagaatcaa	gtgagcccag	gagttcaggg	ccagctttga	1440
taatggagcg	agatgccatc	tctagttaaa	aatatatatt	aacaataaag	taacaaattt	1500
aaaaaaaaa	aaaagggggg					1519

<210> 8390
 <211> 2195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (47)...(1591)
 <223> similar to gi3341996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8390						60
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tgcccagaca	tccaagacct	ccaccgcggt	gtacgtcttc	ttcctttcca	gtttgctgca	240
gccccgggga	gggagccagg	agcacggcct	ctgcgcccac	ctctgggggc	tctgctcttt	300
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tggaactgcag	aaggcgggatg	tgtctgcttt	cctgaggatg	aacctgttcc	aaaaggaagt	420
ggactgcgag	aagttctaca	gcttcatcca	catgactttc	caggagttct	ttgccgccat	480
gtactacctg	ctggaagagg	aaaaggaagg	aaggacgaac	gttccagggga	gtcgtttgaa	540
gcttcccagc	cgagacgtga	cagtcccttct	ggaaaactat	ggcaaattcg	aaaaggggta	600
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tgaagtgaaa	gccaaagcta	aaaagctgca	gatccagccc	agccagctgg	aattgttcta	780
ctgtttgtac	gagatgcagg	aggaggactt	cgtgcaaagg	gccatggact	atttcccaa	840
gattgagatc	aatctctcca	ccagaatgga	ccacatggtt	tcttcctttt	gcattgagaa	900
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gatgttctgt	gaagtgtctga	aacagcagag	ctgcctcctg	cagaacctgg	ggttgtctga	1560
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gttctccggt	ccctccagct	ggggggcctc	aggtggagag	agctgcgac	catccaggcc	1740
aagaccacag	ctctgtgatc	cttccgggtg	agtgtcggag	aagagagctt	gccgacgatg	1800
ccttcctgtg	cagagcttgg	gcactctcct	aacgccccgg	gtgaggaaga	caccaggaca	

00400722.043100

atggacagcc	atcgggtggt	gttcctcatc	acagcgcctt	cagttagagg	atgttcctct	1860
tggtgacctc	atgtaattag	ctcattcaat	aaagcacttt	ctttattttt	ctcttctctg	1920
tctaaactttc	tttttcctat	ctttttttct	tctttgttct	gtttactttt	gctcatatca	1980
tcattcccgc	tatcttttcta	ttaactgacc	ataacacaga	actagttgac	tatatattat	2040
gttgaaattt	tatggcagct	at ttat ttat	ttaaaatttt	tgtaatatgt	ttgttttcta	2100
ataagaaaaa	tccatgcttt	ttgtagctgg	ttgaaaattc	aggaatatgt	aaaacttttt	2160
ggtatttaat	taaattgatt	ccttttctta	at tttt			2195

<210> 8391
 <211> 1761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (206)...(1406)
 <223> similar to gi950412 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8391						
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catctgcctc	gcctgcccgc	tcctctggag	gctcgggttg	ccatcctacc	tgaagcatgc	180
aagcaccgtg	gcaggcgggt	tcttcagcct	ctaccacttc	ttccagctgc	acatgggttg	240
ggtcgtgctg	ctcagcctcc	tgtgctacct	cgtgctgttc	ctctgccgac	attcctccca	300
tcgaggcgtc	ttcctatccg	tcaccatcct	catctaccta	ctcatgggtg	agatgcacat	360
ggtagacacc	gtgacatggc	acaagatgcg	aggggcacag	atgattgtgg	ccatgaaggc	420
agtgtctctg	ggcttcgacc	tggaccgggg	cgagggtggg	acgggtgccct	cgccagtggg	480
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ccggagcctg	gcaactggccc	tgtctgtgct	tgtgctgtcc	acttgcgtgg	gcccctacct	660
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caggggcacc	atggtaagg	ggctgcgagc	ctacgagagt	gctgtctcct	tccacttcag	780
caactat ttt	gtgggctttc	tttccgaggc	cacggccacg	ttggcggggg	ctggcctttac	840
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gcctcgggtca	atggtggaag	ttgtcacaag	ctggaacctg	cccatgtctt	attggctaaa	960
taactatggt	ttcaagaatg	ctctccgcct	ggggaccttc	tcggctgtgc	tggtcaccta	1020
tgcagccagc	gccttcctac	atggcttcag	tttccacctg	gctgcggtcc	tgctgtccct	1080
ggctttttatc	acttacgtgg	agcatgtcct	ccggaagcgc	ctggctcgga	tcctcagtgc	1140
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cactgtccac	aagtggtcag	agctcagctg	ggccagtcac	tgggtcactt	ttggatgctg	1380
gatcttctac	cgtctcatag	gctgaggcac	atctgtggac	cctcataacc	ctcttaagac	1440
ccctctcagg	gtgccactga	tgggggatga	gggaaggccc	tctctctact	ccttgacccc	1500
ctccatcctt	gacccccaac	acctcaacac	acacacacac	aaaatcacac		1560
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ccttcttcct	ttttatatac	aatttgttat	tgtcaaataa	aagtaggaaa	tattcaaaaa	1740
aaaaaaaaaag	ggggggggccg	t				1761

00465725.013100

<210> 8392
 <211> 1803
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (52)...(796)
 <223> similar to gi3661527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8392							
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gcggaagacc	gcgcgcaggg	cctgcagcgg	gagctggacg	gcgagcgcga	gcggcgcgag		180
aaagctgaag	gtgatgtggc	cgccctcaac	cgacgcaccc	agctcgttga	ggaggagttg		240
gacagggctc	aggaacgact	ggccacggcc	ctgcagaagc	tggaggaggc	agaaaaagct		300
gcagatgaga	gtgagagagg	aatgaaggtg	atagaaaacc	gggccatgaa	ggatgaggag		360
aagatggaga	ttcaggagat	gcagctcaaa	gaggccaagc	acattgcgga	agaggctgac		420
cgcaaatacg	aggaggtagc	tcgtaagctg	gtcatcctgg	agggtgagct	ggagagggca		480
gaggagcgtg	cggaggtgtc	tgaactaaaa	tgtggtgacc	tggagaaga	actcaagaat		540
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ggaaatgtca	agcaaattat	gaatacatga	ccaaatattt	tgtatcggag	aagctttgag		960
caccagttaa	atctcattcc	ttcccttttt	ttttcaaattg	gcaccagctt	tttcagctct		1020
cttatttttt	ccttaagtag	cattttattcc	taaggtaggc	agggtatttc	ctagtaagca		1080
tactttctta	agacggaggc	cattttggttc	ctgggagaat	aggcagcccc	acactttgaa		1140
gaatacagac	cccagtatct	agtcgtggat	ataattaaaa	cgctgaagac	cataaccttt		1200
tgggtcaact	gttgggtcaaa	ctataggaga	gaccagggac	catcacatgg	gtagggattt		1260
tccatccaga	gccaataaaa	ggactggtgg	gggccggggg	tggctattgt	gggaagtcac		1320
aaccacaga	tagatcaacc	taagaatcct	ggcccttctc	cactctccac	catgcaggac		1380
aaacatcttc	tcaagcagtc	aacgtagaat	gcttgggaaa	tagtcataat	taccacata		1440
tagtaattaa	tagatggtaa	ttaattgatc	cttgatgtga	tgttcttttg	catatttcct		1500
tcattctaaa	gttggtccct	ggccggggagc	gttggctttc	gcctgtaatc	ccaacacttt		1560
gggaggccag	gacagatcac	ttgaggtcag	gagttcgaga	ccagcccagc	caacatggcg		1620
aaacatgtc	tctactaaaa	atacaaaaat	tatggtgacg	cctgcctgta	gtcccagcta		1680
ctcgggaggc	tgaggcagga	ggatcgcttg	aaccaggaa	gtggagactg	cagtgaagcg		1740
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aaa							1803

<210> 8393

<211> 2176
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1779)...(656)
 <223> similar to gi4689266 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8393
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 acaattcagt gaaacttaga ggcaaccaca caatcacgag tatctgtaag tattcagttt 120
 tcaaactgaa cagggtcac acccgtcaga caccagaaa gaataaggac aaatcccttg 180
 tttattatta aaaactcata taggatgctt ttttataga tacacagtta actatgtaca 240
 aaataaaaaa aaggaaaacc aatctactaa aatatattaa ctctaagaaa atcagatctt 300
 attcctgttt ctccatacta ggcataatta ttttcaaagc tatacaatac gaagtttatc 360
 agtcttatct gtttgccata acatcattat gaattttctc ttttaaaaat ggcaataaca 420
 agtgacttat gttctaataa aatttgatc acagctagca aatgaaagac tatgagactc 480
 aatcactttt aatcattaag tttgtgtag tctttattaa aaacaaaaaa taactaaaat 540
 ttcagacagc gatgtacata atatatataa gaatataccc aaaaaagtaa atttctacca 600
 ccctcgca gcaaaaattt caatgggtta ttctatacca aatccaagtg tttacatcca 660
 agatgtcaca gaggtaactt ccttttgtag cttattgagc tctggaaaca gttcctgtat 720
 cacaatgtcc aataaaacat aagtcagctg cttgttgagt actggttgct gtaagccatc 780
 aaacagaagt ctgatgcttt catacttggg ttcttcacca atacacttga ctaacagatc 840
 tggaatgtaa ttcattcatt cttcaaaagt ctgttttgct cctttttgct tatcttgagg 900
 agagcgaggt tcagtgtttt cacagaatat agcatctctg agaagtgtta tgagtggagc 960
 caaacgggtc tctgaaata gctgttctag tttacactga agatagtaat cagtatacat 1020
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 aacctggaaa actaccgctc ctacatacat caggtaatca tagactcctt ctacagtcac 1140
 cacctccata aaataattct gattttgctt tctctctgta ttttcagcac ggtttgcat 1200
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 cagttctggt ctacttggtt taggctttgg agactcacia gaattaatga aattcatgat 1320
 aaaagggttc aaatgctgac ctttctcttt cattagtttt ccaggaacag attttataat 1380
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 tgcagcaagg tttcggggag tattaggtgt gctcacagcc tccactggag aatcatcttc 1860
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 acctctgttc aattttgaat tgcgtgttg tgattctgcc cctcttaaaa gttgtctgaa 2100
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 ttcatatgct cggacg 2176

<210> 8394

<211> 2312
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (180)...(1862)
 <223> similar to gi4884130 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8394

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ccaccaagga	aggtgatttg	ccccaggtgg	agcgcttctt	caagatcttc	ccactgctgg	180
gtttgcatga	ggagggatta	agaaagttct	cggagtacct	ttgcaagcag	gtggccagta	240
aagctgagga	gaatctgctc	atggtgctgg	ggacagacat	gagtgatcgg	agagctgcag	300
tcactcttgc	agatacactt	actcttctgt	ttgaagggat	tgcccgcat	gtggagaccc	360
accagccaat	agtggagacc	tattatgggc	cagggagact	ctataccctg	atcaaatac	420
tgcaggtgga	atgtgacaga	caggtggaga	aggtggtaga	caagttcatc	aagcaaaggg	480
actaccacca	gcagttccgg	catgttcaga	acaacctgat	gagaaattct	acaacagaaa	540
aaatcgaacc	aagagaactg	gaccccatcc	tgactgaggt	cacctgatg	aatgcccgca	600
gtgagctata	cttacgcttc	ctcaagaaga	ggattagctc	tgatttttag	gtgggagact	660
ccatggcctc	agaggaagta	aagcaagagc	accagaagtg	tctggacaaa	ctcctcaata	720
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tgtccagctc	cagcattgac	tgtctctgtg	ccatgatcaa	cctcgccacc	acagagctgg	960
agtctgactt	cagggatggt	ctgtgtaata	agctgcggat	gggctttcct	gccaccacct	1020
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aaggcaaatt	tgacacaaaa	ggcatcgaga	gtactgacga	ggcgaagatg	tccttctctg	1140
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agagtgactg	caccaagctc	ttcagccagg	gcattggagg	ggagcaggcc	caggccaagt	1260
ttgacagctg	cctttctgac	ttggccgccc	tgtccaacaa	attccgagac	ctcttgacag	1320
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gctttttctc	cgtctcccac	aacatcgagg	aggaagaatt	caatgactat	gaggccaacg	1440
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tacggctggc	agcagagaaa	caaagtctgg	acccactcca	tgctctgccc	tcagacctgg	2040
ccaggtgatg	ctctgggggc	agcatctccc	caccgagaga	agcgggctcc	taatgagggtg	2100
ggaaaagccac	ggcaggcagc	gagcagccca	ggccagcttt	ctgcatggat	ggtcagttctc	2160
ttgccctcaa	acactacagc	aaacaagcta	cccctgccag	tcctagacaa	cttgggtaca	2220
tctggggacc	tagcagttag	gcttgacttt	gaggagaggg	tgtgatgttt	atgatccctg	2280
aataaagcta	ctccttggag	agaaaaaaaa	aa			2312

CCCTGCTGCA

<210> 8395
 <211> 2840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1278)...(1811)
 <223> similar to gi5738523 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8395

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tgctgttggg	tcgtcgcggc	ggcgaaggag	gaggaggaag	agggcgaggc	gacaagagaa	180
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acaaagaagg	gattgtacag	actgaacaga	ttaggtcttt	gtctgaagct	atgtcagtg	780
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atctagatga	tgacataact	gcccttaaac	agaggagtgt	tgtggatgct	gaggtagatg	900
tgacccgaga	tattgtcagc	agagagagag	tatggaggac	acgaacaact	atcttcaaaa	960
gcacagga	gaatttttcc	aagaacattt	ttgcaattct	tcaatctgta	aaagccagag	1020
aagaaggcg	tgcaactgaa	cagcgacctg	ccccaaatgc	agcacctgtg	gatcccactt	1080
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gaaaagaaga	aacggaaggc	ttcaaaattg	acactatggg	aacctaccat	ggtatgacac	1200
tgaaatctgt	aacggagggt	gcatctgccc	ggaagactca	gactcctgca	gcccagccag	1260
taccaagacc	agtttctcaa	gcaagacctc	ccccaaatca	gaagaaagga	tctcgaacac	1320
ccattatcat	aattcctgca	gctaccacct	ctttaataac	catgcttaat	gcaaaagacc	1380
ttctacagga	cctgaaattt	gtcccatcag	atgaaaagaa	gaaacaaggt	tgtcaacgag	1440
aaaatgaaac	tctaatacaa	agaagaaaag	accagatgca	accagggggc	actgcaatta	1500
gtgttacagt	accttataga	gtagtagacc	agccccctaa	acttatgcct	caagactggg	1560
accgcgttgt	agccgttttt	gtgcagggtc	ctgcatggca	gttcaaaggt	tggccatggc	1620
ttttgcctga	tggatcacca	gttgatatat	ttgctaaaat	taaagccttc	catctgaagt	1680
atgatgaagt	tcgtctggat	ccaaatgttc	agaaaatggg	tgtaacagta	ttagaactca	1740
gctatcacia	acgtcatttg	gatagaccag	tgttcttacg	ggtttgggaa	acattggaca	1800
ggtacatggg	aaagcataaa	tcgcacttga	gattctgaat	tatttggctc	ctccatttct	1860
ggaaattgag	actcaagctt	tatgaattta	tcaagaactt	aaaaatgaag	aaggtcacag	1920
attgatcttt	tataagacct	tatttgatgc	tttgtgcttc	aaggagatga	tacctgtcat	1980
ccatataagc	aaactttttg	gcttacaact	atttttttaa	tattagcctt	ctagtctgta	2040
atggaaattg	tatatattga	tagaagtttt	ttctccattg	gttaaattag	cattacttaa	2100
aatttgtttc	tttagaaaat	aatgcaggt	tataaatgtg	tgtatatatta	gagattataa	2160
ggctctctga	gcccactctc	tggatttttc	catggctcct	ataaattctt	tttactggaa	2220
aatactatgt	ttatgaatgg	tattaaat	tagtcctctg	gaacatccca	aaacccaagc	2280
aaagggatgt	gactattttg	aatgaatcag	aatgtcaact	tgtatgtaca	ctatatctac	2340
acttactcat	tatttataaaa	gaataatgaa	aatcttagat	caattcttca	atttgattga	2400
actgttcagc	cttttcaaga	tttttttatt	tacaaatgat	tacattttaa	tgaatgtaca	2460

00403235 013100

ttcttctcac	tgactttggt	gattttgaaa	cctagaatga	tgtgtttcta	tctgtaatat	2520
ctttccattt	gaaaaaaatc	tcaaaacaca	gattaaaacc	acaataggct	gtagtatttt	2580
ttattttggg	agccagagta	tgatttgggg	gaagaatatg	tatcagccct	attgcagtat	2640
aactttaagc	tccttttctc	tttagtccac	ttttgattgt	aatttttatg	gtataggatt	2700
ttgaatcttc	tatttttaggc	ttgtcagctc	tggagttcct	atcttccatt	atccctaaat	2760
attgataaac	tcccaggcac	caaagaaaac	atttgcttaa	ttgtctgaaa	agaacaaga	2820
gaaaaacact	ggtatttttg					2840

<210> 8396
 <211> 1630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (94)...(1097)
 <223> similar to gi3947712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8396						60
gaattcccgg	gtcgacgatt	tcgtggcagt	caggcctccc	cgctctgtgc	tacctgcggc	120
ccggctctcc	tccgcgcccc	cactcgcgct	gcgatgacgc	gctcactggt	caagggaaaac	180
ttttggagtg	cagacatcct	cagcaccatc	ggctatgaca	acattatcca	acatctgaac	240
aatggccgca	agaactgcaa	agagtttgaa	gactttctaa	aagaaagggc	agcaattgaa	300
gagaggtagt	gcaaagatct	gctcaacctc	tctaggaaga	agccgtgtgg	acagtctgaa	360
atcaacaccc	tgaagcgggc	ccttgaagtc	ttcaagcagc	aagtagacaa	tgtggcacaa	420
tgtcacattc	agcttgacac	gagtttaaga	gaagaggcca	ggaagatgga	agaattcagg	480
gaaaagcaaa	aactacaacg	aaaaaagaca	gagctcataa	tggatgctat	ccataaacia	540
aagagcttac	aattcaagaa	aaccatggat	gcaaagaaga	actatgagca	gaaatgccgg	600
gacaaagatg	aggcagaaca	ggccgctcagc	cggagtgcga	acctggtgaa	cccgaagcaa	660
caagaaaagc	tttttgtgaa	actggcaact	tcaaagaccg	cagtagagga	ctcagacaaa	720
gcatacatgc	tgcacatcgg	caccctggat	aaggtccgag	aagagtggca	gagtgagcac	780
atcaaggcct	gcgaggcatt	tgaggctcaa	gaatgtgaac	gaataaactt	cttccggaat	840
gcattgtggt	tacatgtgaa	tcagctgtca	caacaatgtg	tcaccagtga	tgaatgtac	900
gaacaagtcc	gaaagagttt	agaaatgtgc	agcattcaga	gggacattga	atactttgtg	960
aatcaacgca	aaactggaca	gattccacca	gcacccatca	tgtatgagaa	tttctactcc	1020
tcccagaaga	atgcagtccc	agcaggaaaag	gctacagggc	ctaacttggc	aaggagagga	1080
cccctcccaa	ttcctaaaag	ctcaccagat	gatcccaatt	actctttggg	tgatgactac	1140
agtttgcctc	atcagtaaaa	tcaatgaaac	cagagctttt	tccggctagt	gcttctgtga	1200
tatggaaaag	gcacccagag	cagcaggacc	tatagccacg	ttatgtcagc	aatgaagact	1260
ttgaagtga	cccttgctat	aatttttttag	agatttaaaa	tttatggtag	acatttagga	1320
caacataagc	aagtagagtt	ctgcagtttt	ttgaagttaa	caaattgccc	cattctgaag	1380
aattattctt	tcccagttac	tcaggttatg	aatgaattag	gttttcaaca	tgggaagcat	1440
gaaatccact	tctggatttg	gagcatccac	ttgaggagca	gaggtggcag	cagaggattc	1500
tgagccacca	actgcagtag	tggtcccttt	ggctttgggc	agcctggctg	tggagtttcc	1560
acggcgacac	acagcctcag	tggtgcaaga	tttaaaatta	ccttcccttt	tggtctggaag	1620
acttagaagc	cgctgatca	tactttctca	ttttacagat	gaggaaataa	agcctacaag	1680
tgtgaaatta						

<210> 8397
 <211> 1950
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(1586)
 <223> similar to gi3875246 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8397

cgactggcct	tgagggagag	ctggggcctg	ctcccggaga	gatacggcta	tgatgatcga	60
aatcgaatct	tcggatgtga	tccgccttat	tatgcagtac	ttgaaggaga	acagttttaca	120
tcgggcgtta	gccaccttgc	aggaggagac	tactgtgtct	ctgaatactg	tggacagcat	180
tgagagtttt	gtggctgaca	ttaacagtgg	ccattgggat	actgtgttgc	aggctataca	240
gtctctgaaa	ttgccagaca	aaaccctcat	tgacctctat	gaacagggtg	ttctggaatt	300
gatagagctc	cgtgaattgg	gtgctgccag	gtcacttttg	agacagactg	atccccatgat	360
catgttaaaa	caaacacagc	cagagcgata	tattcatctg	gagaaccttt	tggccaggtc	420
ttactttgat	cctcgtgagg	catacccaga	tggaaagtagc	aaagaaaaga	gaagagcagc	480
aattgcccag	gccttagctg	gcgaagtcag	tgtggtgcct	ccatctcgtc	tcatggcatt	540
gctgggacag	gcactgaagt	ggcagcagca	tcagggattg	cttcctcctg	gtatgaccat	600
agatttggtt	cgaggcaagg	cagctgtcaa	agatgtggaa	gaagaaaagt	ttcctacaca	660
actgagcagg	catattaagt	ttgggtcagaa	atcacatgtg	gagtgtgctc	gattttctcc	720
agatggtcag	tatttggtca	ctgggtctgt	tgatggattc	attgaagtat	ggaactttac	780
tactggaaaa	atcagaaagg	atcttaagta	ccaggcccaa	gataacttta	tgatgatgga	840
tgatgctgtc	ctctgcatgt	gtttcagcag	agatacagaa	atgttagcaa	ctggggccca	900
agatggaaaa	atcaaggtgt	ggaagattca	gagtggacaa	tggttaagga	gatttgagag	960
ggcacacagt	aagggtgtca	cctgtctaag	cttttctaag	gatagcagtc	agatccttag	1020
tgcttctttt	gaccagacaa	ttagaattca	tggtttaaaa	tctgggaaaa	ccctgaagga	1080
atttcgtggc	cattcctcct	ttgttaacga	agcaacattt	acacaagatg	gacattacat	1140
tattagtgca	tcctctgatg	gcactgtaaa	gatctggaat	atgaagacca	cagaatgttc	1200
aaataccttt	aaatccctgg	gcagcaccgc	agggacagat	attaccgtca	acagtgtgat	1260
tctacttcct	aaaaaccctg	agcactttgt	ggtgtgcaac	agatcaaaca	cgggtggtcat	1320
catgaacatg	caggggcaga	ttgtcagaag	cttcagttct	ggtaaaagag	aagggtggga	1380
ctttgtttgc	tgtgccctct	ctccccgtgg	tgaatggatc	tactgtgtag	gggaggactt	1440
tgtgctctac	tgtttcagta	cagtcactgg	caaactggag	agaactttga	cagtgcacga	1500
gaaggatgtg	attggtattg	cacatcaccc	tcatacagaac	ctgattgcta	cctacagtga	1560
agatggactc	ctaaagctct	ggaaaccata	attcaacttt	tcttttttaa	tcagctcgaa	1620
agcatgtact	taaatgaagc	atattcatgt	aatgtgcttt	tttttttttt	tggccccctt	1680
tttaaaaaaa	aaaaaagggc	gaaaataccc	ccaaaaaaat	ttgggaaaaa	ttaaggttta	1740
aaaaccacc	cccctttttt	ttttaaaaaa	ttttaagggg	attaatttat	tttttttaaa	1800
gggggggcac	ccttaagggg	ttcaaaaaac	ccccccccgg	gaaggggaaa	accggatttt	1860
ttaaaaaaa	aattcccccc	ccctttttatt	tggaaagggg	gggggaaaagg	cccccccaa	1920
aaaaaaactt	ggaaaaaagg	aactttttcat				1950

<210> 8398

<211> 1535
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(722)
 <223> similar to gi857682 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8398
 tttcgtcgcg tggacccgaa agccgctggg aaaagtttac ccaaggtcca gcctagcccc 60
 taggcaccat gtcggacagt gatctagggt aggacgaagg cctcctctcc ctggcgggca 120
 aaaggaagcg cagggggaac ctgcccgaag agtcggtgaa gatcctccgg gactggctgt 180
 acttgcaccg ctacaacgcc taccctcag agcaggagaa gctgagcctt tctggacaga 240
 ccaacctgtc agtgctgcaa atatgtaaact gggtcatcaa tgcccggcgg cggcttctcc 300
 cagacatgct tcggaaggat ggcaaagacc ctaatcagtt taccatttcc cgccgcgggg 360
 gtaaggcctc agatgtggcc ctccccctgt gcagcagccc ctcagtgtg gctgtgtctg 420
 tcccagcccc caccaatgtg ctctccctgt ctgtgtgtc catgccgctt cactcaggcc 480
 agggggaaaa gccagcagcc cctttccac gtggggagct ggagtctccc aagccccctg 540
 tgacccctgg tagcacactt actctgtctga ccagggctga ggctggaagc cccacaggtg 600
 gactcttcaa cagccacca cccacacccc cagagcagga caaagaggac ttcagcagct 660
 tccagctgct ggtggaggtg gcgctacaga gggctgtga gatggagctt cagaagcagc 720
 aggacccatc actccatta ctgcacactc ccatcccttt agtctctgaa aatccccagt 780
 aggcattctg caagaagggt gctgaaggct ccagccagct gtccctgggt tccgttttgg 840
 ttccctttca tacagagggt tttctatgga tcaactgcaa acattgggat catctcctct 900
 gtccagaggt cttcaacagg aagatgccag ctggcaccac tgcaactgtga tgggggccct 960
 ctctctgtgct gactctgccg tttctccagg cctccgctca gtgatgagac caagagatcg 1020
 gagacaagca tgggtgctgt gcttctgtctg cttctccaga aaatccctgg gacacctttg 1080
 ttccagcctg gtttcctggg ctgggctcag gaaagctgcc aaattcagtc ctatgtttgg 1140
 tccaagctgc ccctgtgctg tttctgtcaa gccaggtgtg gacattccaa gttcatatgc 1200
 gtgaacaaaa gaaaagagga acccagtgga tgtaacagaa ccgactccag ttgaatgttt 1260
 agatttttgc taaactcgtt ttctttttcc cttttttgct gtggtttgca ttcacggcag 1320
 tagttagccc aggtgtgggg aacgagagtg cactgcatga tagcgttctg gtgagctggg 1380
 aaggacccca cactgcccac tgaggattgt tttggaagaa aggaatatatt ttatcttggg 1440
 gaccagctaa gtctctgcag tagtgtgaaa ttccaaatgg ttgttttatc attggtttgg 1500
 tttacaaaaa aaaaggcagg gaaaaaaaaa aaaaa 1535

<210> 8399
 <211> 1120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (226)...(884)
 <223> similar to gi3859936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 8399
gtcgcagcatt tgcgtgctgct ggcttctgcg gctgcggtgt cgatgtcgcg gccagggcca 60
agccgcttcg agttcacagg cggaaccctt gcaggcggcg cccctacgc gaggtcacc 120
ctgggaagga gcgcagccca cccggccctt ccgcattccga gcaggacgcc cgtctcctct 180
ccctgaggat ttcagggtctc cctgtcccag gaggcttggt ccaagatggc atcagctgga 240
gacacccagg caggcccaag ggatgcagca gatcagaact tcgactatat gttcaaactg 300
ctactgatag gcaacagcag tgtgggcaag acttccttcc tgttccgata cgcggacgac 360
tccttcactc ccgccttcgt cagtactgtg ggcatcgatt tcaaggtcaa gaccgtctac 420
cgccatgaca agaggatcaa gctgcagatc tgggacacag cgggccagga gcgctaccgc 480
accatcacca cggcctacta ccggggagcc atgggcttcc tgctcatgta tgacatcgcc 540
aatcaggaat cctttgccgc tgtgcaggac tgggccacgc aaatcaagac ctactcctgg 600
gacaacgccc aggtcatcct ggtggggaac aagtgtgacc tggaggacga acgtgttggt 660
cctgctgagg atggccggag gctcgcgcag gaccttggtt tcgagttctt tgaagccagt 720
gccaaggaga acatcaacgt gaagcaggtc ttcgagcgc tgggtgatgt catctgcgag 780
aagatgaacg agtccttgga acccagctcc agctcaggca gcaacgggaa aggcccggcc 840
gtgggggatg ctccagcccc ccagcccagc agctgcagct gctagagatg gcccccaacc 900
ccccaccac ccctctcctg cctcggcagg gactgtgac gaggcgtgag ccacagtgg 960
tatctccaag ctccaggcaa tcccttcctt cctgtcaact gctccccgac tctgcatgg 1020
ctcattcctt cacaatgtcg ccgtggctgc caggttcctc aggcagcccc ggtgggaggc 1080
tgccgaccat ggggactcag ctctgcatgg caggcagagg 1120

```

```

<210> 8400
<211> 831
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (54)...(300)
<223> similar to gi2584789 in the genepept database release 114,
Run with FASTX 3.3t00, default parameters

```

```

<400> 8400
atttcgtatc cgagtgaggc gacggggtag gggttggcgc tcaggcggcg accatggcgt 60
atcacggcct cactgtgcct ctcatgtgta tgagcgtggt ctggggcttc gtcggcttct 120
tggtgccctg gttcatccct aagggtccta accggggagt tatcattacc atgttggtga 180
cctgttcagt ttgctgctat ctcttttggc tgattgcaat tctggcccaa ctcaaccctc 240
tctttggacc gcaattgaaa aatgaaacca tctggtatct gaagtatcat tggccttgag 300
gaagaagaca tgctctacag tgctcagtct ttgaggtcac gagaagagaa tgccttctag 360
atgcaaaatc acctccaaac cagaccactt ttcttgactt gcctgttttg gccattagct 420
gccttaaacg ttaacagcac atttgaatgc cttattctac aatgcagcgt gttttccttt 480
gccttttttg cacttttggtg aattacgtgc ctccataacc tgaactgtgc cgactccaca 540
aaacgattat gtactcttct gagatagaag atgctgttct tctgagagat acgttactct 600
ctccttgga tctgtggatt tgaagatggc tcctgccttc tcacgtggga atcagtgaag 660
tggttagaaa ctgctgcaag acaaacaaga ctccagtggg gtggtcagta ggagagcacg 720
ttcagaggga agagccatct caacagaatc gcaccaaact atactttcag gatgaatttc 780
ttctttctgc catcttttgg aataaatatt ttctcctttt caaaaaaaaa a 831

```

```

<210> 8401
<211> 1141
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (162)...(1093)
<223> similar to gi5459204 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8401
tttcgtaagg tggactcgcg aatgttaggc ctgtgggtgc catagcgacc gggaggttgg      60
gctggccaga ttcagctgcc gggaccggac caggtgctta ggagaacatg cagtagaact      120
tttcatcaaa caaatggaac acgtcacaga attttgctaa catggacaac tctgcacaga      180
aaaatgaacg cactggcaaa catcccagac gtgccagtga agtacagaaa ggttttactg      240
ctgcatatcc aacacaatcc tccattcctt ttaaattctca agcttcagta atcccagaat      300
cagaaaaaaaa aggattcaat agtcaagcca agagatttcc tcataagaag aatgatatcc      360
caggacctgg gttctacaat gttattcacc agtcaccggg gtccaacagt gtctcattgt      420
ccaagaaagg aacttgcacg tttccctcga tgtgcgcccg attggacacc atcatttcta      480
aataccctgc agcgaacgca tacactatcc catcggattt tatttccaag agagacttta      540
gtaattcggt ttccagcatg ttccagttgc caagctttat gaaagctctc aagtttgaaa      600
ctcctgcacc aaactattac aatgcctctg tctcttgctg caagcagaga aacaacgtct      660
gtactcgagc cgggtttatg tcaaaaaacc aaagaggatc tttcgctttt gctgataaag      720
gacctcccc agggcattat gatataacg aatcccttgt gaagcagtcg ccaaatacat      780
taatgtcttg ttttaaatca aaaaccaacc gtggattaaa actgacgtca acaggcccgg      840
gacctgggta ttacaacccc agtgattgca caaaagttcc aaaaaagact cttttcccga      900
aaaaccccat cctgaacttc tctgctcagc cttgcctct gcctccgaag ccacctttcc      960
caggctctgg tcagtatgag atcgtggact acttaggcc cgcgaagcat ttcattctta      1020
gtgcatcatt cgtgtccaat accagccggg ggacagcggc gccgcctcag ccaggcctgc      1080
ctggcccagc tacgtacaag ccagagcttc caggaaagca gtccttcctc tactacgagg      1140
a

```

```

<210> 8402
<211> 1916
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (65)...(1027)
<223> similar to gi4038076 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 8402
accgcgcctt ccggttcgac gataccatgg caggcggcgg ctgcagggca ggtccagggg 60
ccacatggct gagggggacg cagggagcga ccagaggcag aatgaggaaa ttgaagcaat 120
ggcagccatt tatggcgagg agtgggtgtg cattgatgac tgtgccaaaa tattttgtat 180
tagaattagc gacgatatag atgaccccaa atggacactt tgcttgcaagg tgatgctgcc 240
gaatgaatac ccaggtacag ctccacctat ctaccagttg aatgctcctt ggcttaaagg 300
gcaagaacgt gcggatttat caaatagcct tgaggaaaata tatattcaga atatcggtga 360
aagtattctt tacctgtggg tggagaaaat aagagatgtt cttatacaaa aatctcagat 420
gacagaacca ggcccatgat taaagaagaa aactgaagag gaagatgttg aatgtgaaga 480
tgatctcatt ttagcatgtc agccggaaaag ttcggttaaa gcattggatt ttgatatcag 540
tgaaactcgg acagaagtag aagtagaaga attacctccg attgatcatg gcattcctat 600
tacagaccga agaagtactt ttcaggcaca cttggctcca gtggtttgtc ccaaacagg 660
gaaaatggtt ctttccaaat tgtatgagaa taagaaaata gctagtcca cccacaacat 720
ctatgcctac agaatatatt gtgaggataa acagaccttc ttacaggatt gtgaggatga 780
tggggaaaca gcagctggtg ggcgtcttct tcatctcatg gagattttga atgtgaagaa 840
tgtcatggtg gtagtatcac gctggtatgg agggattctg ctaggaccag atcgctttaa 900
acatatcaac aactgtgcca gaaacatact agtgaaaaag aactacacaa attcacctga 960
ggagtcattc aaggctttgg gaaagaacaa aaaagtaaga aaagacaaga agaggaatga 1020
acattaatac ctgaaactat aggaaagggtt aatttgccct taattatata tacattccat 1080
agtcatacaag gaatatattg tgcagagaga gtatccttga ctgcttaagt cagccagttc 1140
agcatggata ccaacattag cttttcttct tgggttatatc atctgccaaa aatagagaac 1200
ttatgatcta ttcattgtgtg tttcaggctt atttgggaga actaatttga acttaatcac 1260
cacttcattc aatttttagca aggtaacagt tgcccagggc agtacctgga attaactgtc 1320
catttcagta catgtcaagt gcctttgtta ggtggagaag aaatgtctct agaggaatat 1380
aaatacctga tttcctggtc atcgagattc ttgtactgtt aaatgaatat tgccttttac 1440
tgctctttat ggcttatttg aataggagct catttaagat tgatcttgga gagtttcttc 1500
ttgtgatttt agttcataag tatgtcacct ttcattttat agtggtcatc attgagtaat 1560
ggattaagtg aaaatccagg agtatccatc tgcagttatg tgctgaggtg ataattcatc 1620
caacataatt gttagcataa atattatgct tcagtttctg ttgcaaattg gtgattgtga 1680
aattacagaa agtgattttc tagtctgctt tttttgttta attcttgtaa tgtaagcaat 1740
aaatatggag tgtcagtagt ctccttccac ccagaaaatg tgttggtgta acattctcgt 1800
ttcttttaac aacctggaag tacctttctt gtgatcttca ctgaggaatt agaactatga 1860
tagaaggttag gctgtggcaa atgggacatt cgtagagtgg gatagaggtg gcagat 1916

```

```

<210> 8403
<211> 1916
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (206)...(1762)
<223> similar to gi5059425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 8403
tttcgtgagg cgcctataag ggaagatgtt cagtcaactt ggaaaaattg gaacaacccg 60
gaaagtagac tcaccgtctt ggtctagaga ctgaccctcg cacagacaga ccccttcccc 120
tctctgcgaa aggaccaagc ccagaagtc actccatctc ctacggctcg caatttccag 180

```

```

aggccccctg gcaccttcca gcctgatgtc gtgctgcaag ttatggccca gcggtgcccc 240
cgcccccttg gtgtccatcg aggaactgga gaaccaggag ctctgctggca aaggcgggtt 300
cggcacagtg ttccggggcg aacataggaa gtggggctac gatgtggcgg tcaagatcgt 360
aaactcgaag gcgatatcca gggaggtcaa ggccatggca agtctggata acgaattcgt 420
gctgcgccta gaaggggtta tcgagaaggt gaactgggac caagatccca agccggctct 480
ggtgactaaa ttcattggaga acggctcctt gtcggggctg ctgcagtccc agtgccctcg 540
gccctggccg ctccctttgcc gcctgctgaa agaagtgggtg cttgggatgt ttacctgca 600
cgaccagaac ccggtgctcc tgcaccggga cctcaagcca tccaacgtcc tgccggaccc 660
agagctgcac gtcaagctgg cagatttttg cctgtccaca ttccaggag gctcacagtc 720
agggacaggg tccggggagc cagggggcac cctgggctac ttggccccag aactgtttgt 780
taacgtaaac cggaaggcct ccacagccag tgacgtctac agcttcggga tcctaatgtg 840
ggcagtgtct gctggaagag aagttgagtt gccaacccga ccatcactcg tgtacgaagc 900
agtgtgcaac aggcagaacc ggcccttcatt ggctgagctg cccaagccg ggcctgagac 960
tcccggctta gaaggactga aggagctaata gcagctctgc tggagcagtg agcccaagga 1020
cagacctcc ttccaggaat gcctaccaa aactgatgaa gtcttccaga tgggtggagaa 1080
caatatgaat gctgctgtct ccacggtaaa ggatttctg tctcagctca agagcagcaa 1140
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gaatctagag gagcctccca gctctgttcc taaaaaatgc ccgagcctta ccaagaggag 1320
cagggcacaa gaggagcagg ttccacaagc ctggacagca ggcacatctt cagattcgat 1380
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ctcaactgga acaccaagtc ctggaccccg agggaatcag ggggctgaga gacaaggcat 1500
gaactggctc tgcaggaccc cggagccaaa tccagtaaca gggcgaccgc tcgttaacat 1560
atacaactgc tctgggggtg aagttggaga caacaactac ttgactatgc aacagacaac 1620
tgccttgccc acatggggct tggcaccttc gggcaagggg aggggcttgc agcaccctcc 1680
accagtaggt tgcgaagaag gccctaaaga tcctgaagcc tggagcaggc cacagggttg 1740
gtataatcat agcgggaaat aaagcacctt ccaagcttgc ctccaagagt tacgagttaa 1800
ggaagagtgc cacccttga ggccttgac ttcttctag ggcagtctgg cctgcccaca 1860
aactgacttt gtgacctgtc cccagaggt caataaacat gatggaatgc taaaaa 1916

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<210> 8404

<211> 1849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(1609)

<223> similar to gil050527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 8404

```

cacaggctga gtgctgcggc gcgatccttg ctccctgag cgttggcccg ggaggaaaga 60
agatggtgct ggatctggat ttgtttcggg tggataaagg aggggaccca gccctcatcc 120
gagagacgca ggagaagcgc ttcaaggacc cgggactagt ggaccagctg gtgaaggcag 180
acagcgagtg gcgacgatgt agatttcggg cagacaactt gaacaagctg aagaacctat 240
gcagcaagac aatcggagag aaaatgaaga aaaaagagcc agtgggagat gatgagtctg 300
tcccagagaa tgtgctgagt ttcgatgacc ttactgcaga cgcttttagt aacctgaaa 360
tctcacaat caaaaaagtc cgactcctca ttgatgaag catcctgaag tgtgacgcgg 420
agcggataaa gttggaagca gagcgggttg agaacctccg agagattggg aaccttctgc 480

```


aatacaatct	ggatcgactc	cacaggaagc	tttcgctgta	gcttgacgtt	gttgaagagc	900
gggctctcct	gagcttccat	caccgtcatg	ctggactgtt	tgtgcaggcg	gcagaaggac	960
aggaccagcg	agcaccaggc	ggccagctgc	ttctgccgag	tgtccacatt	cggttgtaac	1020
gtaaagaagg	gtgggaagcg	atactgccac	ggccactcga	aactcatcgc	catcgtagta	1080
gcccagcggg	cgcgtggg					1098

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<210> 8406
<211> 2657
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (176)...(1579)
<223> similar to gi3879146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 8406						60
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gccttccttc	ccaggctcgcc	cgtcagtcct	cactagagac	aggactgacc	agttgctctt	180
ccttccaaga	accttcgaga	tctgcggtct	gggtctctgg	tgaagatgg	cggccctcac	240
tacctgttt	aagtacatag	atgaaaatca	ggatcgctac	attaagaaac	tcgcaaatg	300
ggtggctatc	cagagtgtgt	ctgcgtggcc	ggagaagaga	ggcgaaatca	ggaggatgat	360
ggaagttgct	gctgcagatg	ttaagcagtt	ggggggctct	gtggaactgg	tggatatcgg	420
aaaacaaaag	ctccctgatg	gctcggagat	cccgtccct	cctattctgc	tcggcagggt	480
gggctccgac	ccacagaaga	agaccgtgtg	catttacggg	cacctggatg	tgcagcctgc	540
agccctggag	gacggctggg	acagcgagcc	cttcaccctg	gtggagcgag	acggcaagct	600
gcatgggaga	ggttcgactg	atgataaggg	cccgtgggcc	ggctggataa	acgccctgga	660
agcgtatcag	aaaacaggcc	aggagattcc	tgtcaacgtc	cgattctgcc	tcgaaggcat	720
ggaggagtca	ggctctgagg	gcctagacga	gctgattttt	gcccggaaaag	acacattctt	780
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agacctccat	tctgggggtg	acgggggctc	ggtgcatgag	gccatgactg	atctcatttt	960
gctgatgggc	tctttggtgg	acaagagggg	gaacatcctg	atccccggca	ttaacgaggc	1020
cgtggccgcc	gtcacggaag	aggagcacaa	gctgtacgac	gacatcgact	ttgacataga	1080
ggagtttgcc	aaggatgtgg	gggcgcagat	cctcctgcac	agccacaaga	aagacatcct	1140
catgcaccga	tggcgggtacc	cgtctctgtc	cctccatggc	atcgaaggcg	ccttctctgg	1200
gtctggggcc	aagaccgtga	ttcccaggaa	ggtggttgcc	aagttctcca	tcaggctcgt	1260
gccgaacatg	actcctgaag	tcgtcggcga	gcaggtcaca	agctacctaa	ctaagaagtt	1320
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ggtctccgac	ttcagtcacc	ctcattacct	ggctgggaga	agagccatga	agacagtttt	1440
tggtgttgag	ccagacttga	ccagggaagg	cggcagtatt	cccgtgacct	tgacctttca	1500
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ctcccagaat	gaaaagctca	acagggtataa	ctacatagag	ggaaccaaga	tgctggccgc	1620
gtacctgtat	gaggtctccc	agctgaagga	ctaggccaag	ccctctgtgt	gccatctcca	1680
atgagaagga	atcctgccct	cacctcacc	ttttccaact	tgcccaggga	agtggaggtt	1740
ccctctttcc	tttccctctt	gtcagggtcat	ccatgacttt	agagaacaga	cacaagtgtg	1800
tccagctgtc	cacgggtgga	gctaccggtt	gggcttatga	gtgacctgga	gtgacagctg	1860
agtcaccctg	ggtaagttct	cagagtggtc	aggatggctt	gacctgcaga	agatacccaa	1920
ggtccaaaag	cacaaggtct	gcggaaagtt	ctggtgtctg	gctgggcacc	acggctcaca	

```

cctataatcg agcacttttg gaggccaaga caggaggatc acttgaggcc aggagtctga 1980
gacaagccta ggcaacaaaa caagactctg tctctacaaa aagtttaaga aatgagccag 2040
acatggtggt gtatgcctgt agtcccagcc actcagaagg ctgaggcagg aggatcgctt 2100
gagaccaaga gtttgagcct gcggtgagct gtgaatgcac cacggcactc aagcctgggc 2160
aatgtagcaa gatcctgtct ctacaagaaa ttttttaaaa atgagccaag tgtggtggtg 2220
catgcctgta gttccagcta ctacagacac tgacgtagga gggttgcttg agactgagag 2280
ttggaggctg cgatgagcca tgaatgcccc actgcactcc agcctgggcg acagaacgag 2340
accccatctc aaaaaaaata agttctggtt gtcattgaat tgggataaac agagagcttg 2400
atgctttctg ctttctgtct cagggtgatgc attgcacatt tgggatattt ggaaaggaaa 2460
tgaggaaaga aattagggcc tcctctgate tctcgtatc tgcgggtcct gtccttttct 2520
caagaccttc accattactg gtgttttctt gtcttctctt tagtatgatc cctcaaaacc 2580
tcactaactg gaaggatgat tttgtctcag tttgtactcc taaataaaaa gtaaacaatga 2640
cacctctaaa aaaaaaa 2657

```

<210> 8407

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(688)

<223> similar to gi4688892 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 8407

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cagagacttt gccaccacca gtattgggga tgctgagctg cggggtacgg gcctgaggag 60
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cagagcagtg tgcttggtga ctctcacatc tgcagccatg agcagaggcg acaactgcac 180
ggatctactc gcactgggaa tccccctccat aaccaggcc tggggactgt gggtcctctt 240
aggggctgtg acgtctgtat ttctcatctc gctggctgca cacttgtccc agtggaccag 300
gggccggagc aggagccatc cggggcaggg acgctctgga gactctgtgg aagagggtccc 360
gctgtatggg aacctgcatt atctacagac aggacggctg tctcaagacc cagagccaga 420
ccagcaggat ccaactcttg gaggccctgc cagggtctga gaggaggtga tgtgctatac 480
cagcctgcag ctgcggcctc ctacgggtcg gatccccggt cctggaaccc ccgtcaagta 540
ctcggaggtg gtgctggact ctgagccaaa gtcccaggcc tcgggccccg agccggagct 600
ctatgcctca gtatgtgccc agaccgcag ggcccgggcc tccttcccgg atcaggccta 660
tgccaacagc cagcctgcag ccagctgaga tggagggcct ggcacagcgg ggcgtgcact 720
gccccagccc cccgtagcag gggcatgact gtttcccaac cagcacccaa agacgggcgc 780
cattgccaag tcacaggatg tgatctaccc cggacttctt atctgagctt caagggagac 840
atctcagggc aaagctttcg tgatggagga ggcaaagaca gtagccccct ccttatttct 900
tttttctatc tgttcctctt agccccaaa ctcccagggt ctcaactccc ttttttgagg 960
ggtttaacca gatcctcccc acccccgtc cctcatagtc tacccccacg cctcagtgtc 1020
tcctcaggca caggaagtgg gcggtggggg aggggtaagg gcctgacagt gagtgggtgg 1080
gtatattcct caggagtcca cagactggag tggacctgga acttagagac gggagggacc 1140
cgagcctggc ttttgacctt agaaccctag caggagaata cagtctccat cctgctgtct 1200
ctgtcctgtc ccaagtttt caaataaaac tttccaaaa gtga 1244

```

<210> 8408
 <211> 1467
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (146)...(1397)
 <223> similar to gi4584877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8408
 cggacgcgtg gggtcaccca gtcggctgga gtcggaggcg atatttctag ggggtgtactt 60
 gttgggggtca gggtaagcac cagccacaaa aacctacaaa agaagggaag ttactgtctt 120
 taaatatttaa aaaaaaacaa gatccatgag tgggcatcga tcaacaagga aaagatgtgg 180
 agattctcac ccggagtcct cagtgggctt cgggcatatg agtactacag gatgtgtatt 240
 aaataaattg tttcagttac caacaccacc attgtcaaga caccaactaa agcggctaga 300
 agaacacaga tatcaaagtg ctggacgggc cctgcttgag cccttaatgc aagggtattg 360
 ggaatggctc gttagaagag ttccctcctg gattgcccc aatctcatca ccatcattgg 420
 actgtcaata aacatctgta caactatttt attagtcttc tactgcccta cagctacaga 480
 gcaggcacct ctgtgggcat atattgcttg tgcctgtggc cttttcattt accagtcttt 540
 ggatgctatt gatgggaaac aggcaagaag aaccaatagt agttctcctc tgggagaact 600
 ttttgatcat ggctgtgatt cactatcaac agtttttgtg gttcttgga cttgtattgc 660
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 gttctattgt gcgcactggc aaacgtatgt ttctggaaca ttgcatgttg gaataattga 780
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 acctttttgg caatctatga ttccagtgtc gaatattcaa atgaaaattt ttctctgact 900
 ttgtactgta gcagggacca tatttttctg tacaaattac ttccgtgtaa tcttcacagg 960
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 tgaaaagcat ccctgtcttt atatactgac atttggtttt gtgtctgcta aaatcactaa 1140
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 caatcagatt gcatctcacc tgcacataca tgtcttcaga atcaaggctc ctacagctca 1380
 ttctaatacat cattaatgat gtaaattggg atataggaac atccatggtt ttctgcccag 1440
 gaaagaaagg taacatatta agggagt 1467

<210> 8409
 <211> 1425
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (224)...(674)
 <223> similar to gi3642702 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	8409						
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ggagctgctg	ctaccggaca	ccgagcgcac	ccgtcgggcc	acggaacagc	tccagatcgt		120
tcttcgggcc	cccgcgcgtt	tgtcggctct	ctgcgacctg	ctagcctcgg	cggccgaccc		180
ccagatccgc	cagtttgagg	ccgtgctgac	ccgcagacga	ctgaacaccc	gctggcgacg		240
gctggcggcg	gagcaacggg	agagcctcaa	gtccctgatc	ctgacggccc	tgcagagaga		300
aacagagcac	tgtgtgagcc	tcagcctggc	ccagctctca	gccaccattt	ttcgaaagga		360
aggcttgagg	gcctggccac	agcttttgca	gctgcttcag	cacagtaccc	acagccccc		420
cagcccagag	agagagatgg	ggcttttgct	gctaagtgtg	gtggtgacct	cccggcccga		480
ggccttccaa	ccccaccacc	gggagcttct	tcggcttctg	aatgagactc	ttggtgaggt		540
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cagcactgaa	gatgtgcctc	tcgctcggat	gttggtgccc	aagctgatca	tggccatgca		660
gactctgac	cccatagatg	aggcaaaggc	ctgtgaggcc	cttgaggctt	tggatgaact		720
gttgaggtca	gaggtgccgg	tcataccccc	ctacctctct	gaagtctctc	cattctgcct		780
ggaggtagct	agaaatgtgg	ccctgggcaa	tgcgatacgc	atacgtattc	tctgctgcct		840
cactttcttg	gtcaaagtca	agagcaaggc	cttactgaag	aatcgtctcc	tggcaacctt		900
tgctgcacac	ccttttcccc	attgtggctg	ctgagccccc	accagggccg	ttggatcccg		960
aggaccaagg	attcagaaga	ggaagagttg	gagattgagc	tcatggggga	gactcccaag		1020
catttcgctg	tacaagttgt	ggacatgctg	gcactacacc	tgcccccgga	gaagctctgt		1080
ccccagctga	tgcccatggt	ggaagaggct	ttgcggagcg	aggagcccat	accagcgcaa		1140
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cccatatcag	cagctatttc	aagggaggta	atgccactgc	tcctcgccca	cttgaagtcg		1380
gtgcctattg	gacacacaca	ccacctagcc	aaggcctgct	gtatt			1425

```
<210> 8410
<211> 4588
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (658)...(1421)
<223> similar to gi4884136 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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gtggtggagt	tggctcgggc	tgaacttctt	tcggggggct	gcctgtcctg	gaatcgtgcg		180
acctttcctt	tgccatcctt	ctttttgcag	aagatgaatc	cgggctcggc	gccccctcgc		240
ctccccgcgc	ctgggcagca	agtgatccac	gtcacgcagg	acctagacac	agacctcgaa		300
gccctcttca	actctgtcat	gaatccgaag	cctagctcgt	ggcggaagaa	gacctgccc		360
gagtctttct	ttaaggagcc	tgattcgggc	tcgcactcgc	gccagtccag	caccgactcg		420
tcgggcgggc	acccggggcc	tcgactggct	gggggtgcc	agcatgtccg	ctcgactcgc		480

tcgcccgcgt	ccctgcagct	gggcaccggc	gcgggtgcct	gcgggtagcc	ccgcgcagca	540
gcacgcgcac	ctccgccagc	agtcctacga	cgtgaccgac	gagctgccac	tgcccccg	600
gctggggaga	tgacccttca	cgggccactg	gccagaggt	acttcctcaa	tcacatagaa	660
aaaatcacca	catggcaaga	ccctaggaag	gcgatgaatc	agcctctgaa	tcatatgaac	720
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atgagatcca	tcactaataa	tagctcagat	ctttcctca	atggagggcc	atatcattcg	1140
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gaggacttcc	tcagcaatgt	ggatgagatg	gatacaggag	aaaacgcagg	acaaacaccc	1260
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ggatgtagcc	atgaccttac	atttcctggg	cctcttgga	aaagtgatgg	agcaaagcaa	1500
gtctgcaggt	gcaccacttc	ccgcctccat	gactcgtgct	ccctcctttt	tatgttgcca	1560
gtttaatcat	tgcttggttt	tgattgagag	taacttaagt	taaacataaa	taaatattct	1620
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ggtgttaatt	gaaatttata	caccaattga	ttttaaacca	taaaaagctg	accacaggca	1800
gttacttctg	agggcatctt	ggtccaggaa	atgtgcacaa	aattcgacct	gatttacagt	1860
ttcaaaaact	gtattgatga	cagtagtacc	aaatgcttta	aaaactattt	aacttgagct	1920
ttaaaaatca	ttgtatggat	agtaaaaattc	tactgtatgg	aatacaatgt	aattttgaat	1980
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agtagcagca	gcagcattag	tcacagtctt	tacactacag	atcttgtgaa	agagaccagt	2160
ttggtactaa	ttatgagcat	tttattcaaa	caaaagtttt	tgaaatatta	caactgggga	2220
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<210> 8411
<211> 6057
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<223> similar to gil504002 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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